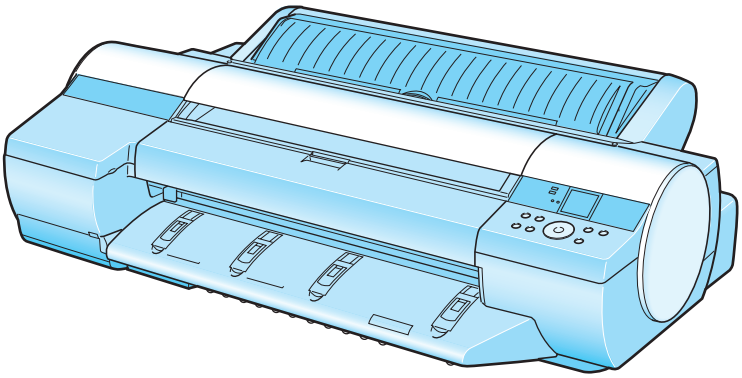
Canon

Large Format Printer

imagePROGRAF

iPF6000S

User Manual



ENG

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Introduction

How to use this manual

About This User Manual

- Symbols

  The following symbols are used in this User Manual to indicate safety information and explanations on restrictions or precautions in use.

	Important	Indicates important information that must be followed when using the printer. Be sure to read this information to prevent printer damage or operating errors.
	Caution	Indicates caution items for which operating error poses a risk of injury or damage to equipment or property. To ensure safe use, always follow these precautions.
	Note	Indicates helpful reference information and supplemental information on particular topics.

- Button names and user interface elements

  Key and button names on the control panel and user interface elements in software (such as menus and buttons) are indicated as follows in this User Manual.

Control Panel Buttons	Example: Press the **OK** button.
Control Panel Interface Items and Messages	Example: **Head Cleaning** is displayed.
Software Interface Items (Menus and Buttons)	Example: Click **OK**.
Keyboard Keys	Example: Press the Tab key.

- Part Names

  Names of printer parts are indicated as follows in this User Manual.

Printer part names	Example: Open the Top Cover.

- Cross-reference

  Other pages or manuals that provide related information are indicated as follows in this User Manual.

Cross-Reference in the Same User Manual	Example: see “Turning the Printer On and Off”. (→P.28) Click the link to jump to the corresponding page.
Cross-Reference in Related Manuals	Example: See the Paper Reference Guide.
Other Cross-Reference	Example: See the printer driver help.

- Figures and software screens
  - Figures in this User Manual may be different from the actual appearance of the printer in some cases.
  - Screens depicted in this User Manual for the printer driver or other software may be different from the actual screens because of subsequent updates.
  - Windows XP screens are used in explanations of Windows operations in this User Manual.
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  - Canon, the Canon logo, and imagePROGRAF are trademarks or registered trademarks of CANON INC.
  - Microsoft and Windows are registered trademarks of Microsoft Corporation in the United States and other countries.
  - Macintosh is a registered trademark of Apple Inc. in the United States and other countries.
  - Adobe RGB, a trademark of Adobe Systems Incorporated, is color space proposed by Adobe Systems Incorporated.
  - Other company and product names are trademarks or registered trademarks of their respective owners.
- Copyright

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  - Unauthorized reproduction of this User Manual in whole or part is prohibited.
- May we request

  Thank you for understanding the following points.
  - The information in this User Manual is subject to change without notice.
  - We strive to ensure accuracy of information in this User Manual, but if you notice errors or omissions, please contact us.

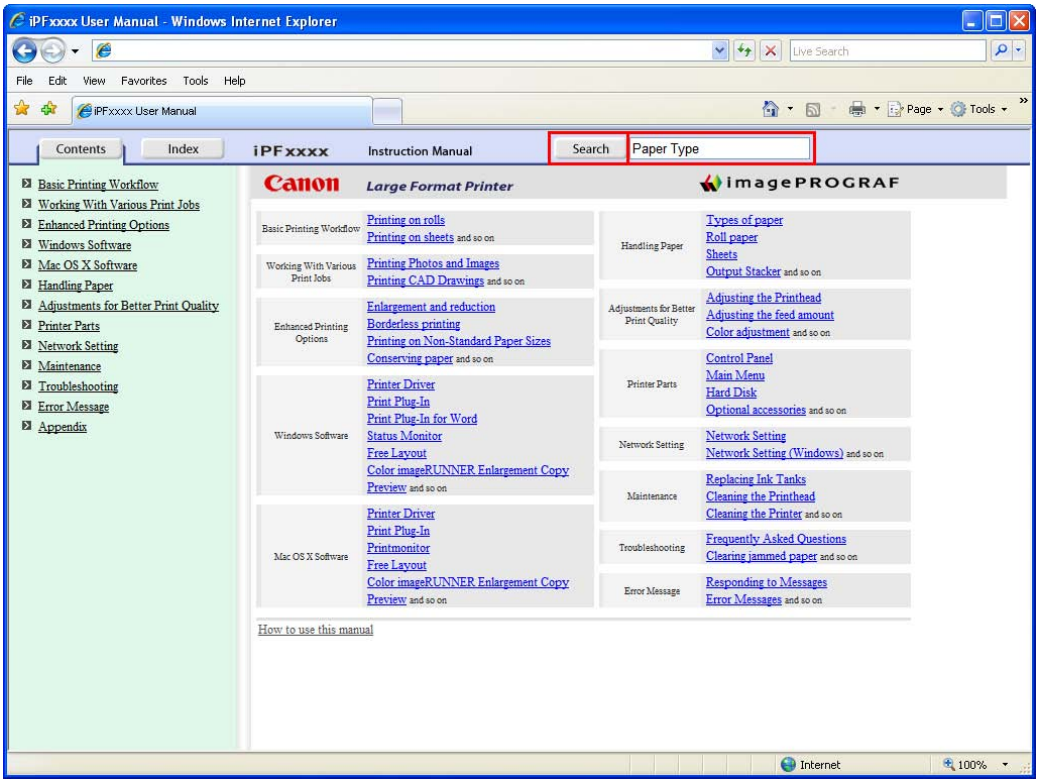
Searching Topics

You can find information in topics of this User Manual by searching for relevant terms.

1. Enter a term and click the **Search** button.

Note

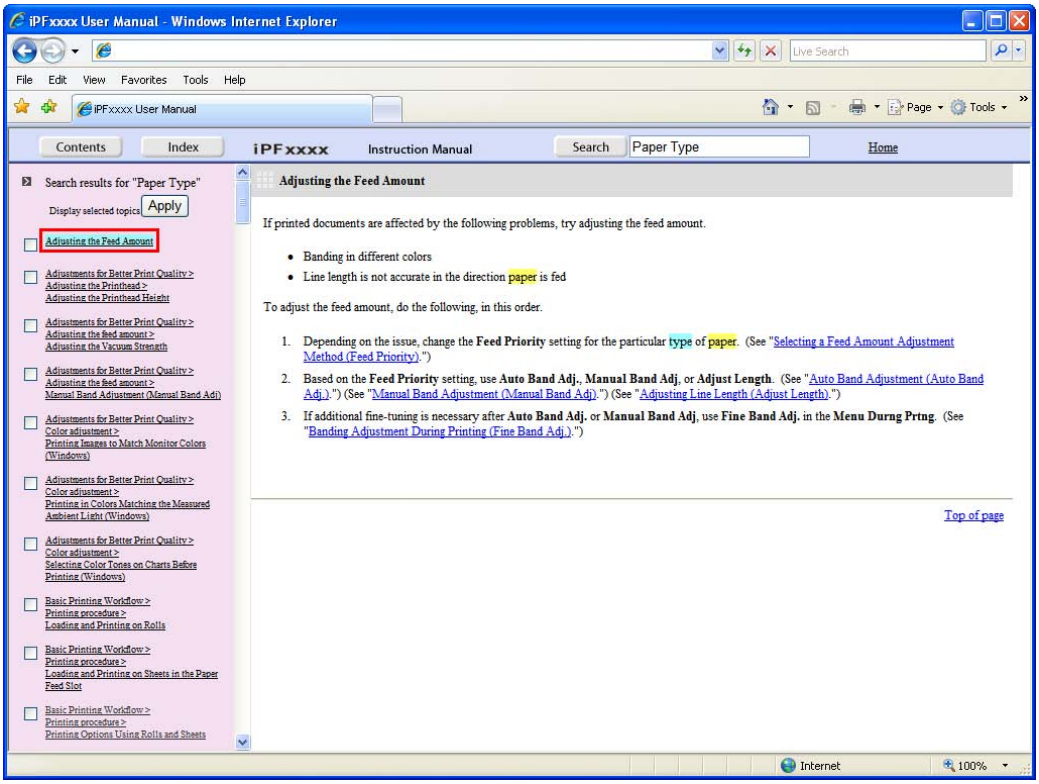
- To search for multiple terms at once, enter a space between each term.



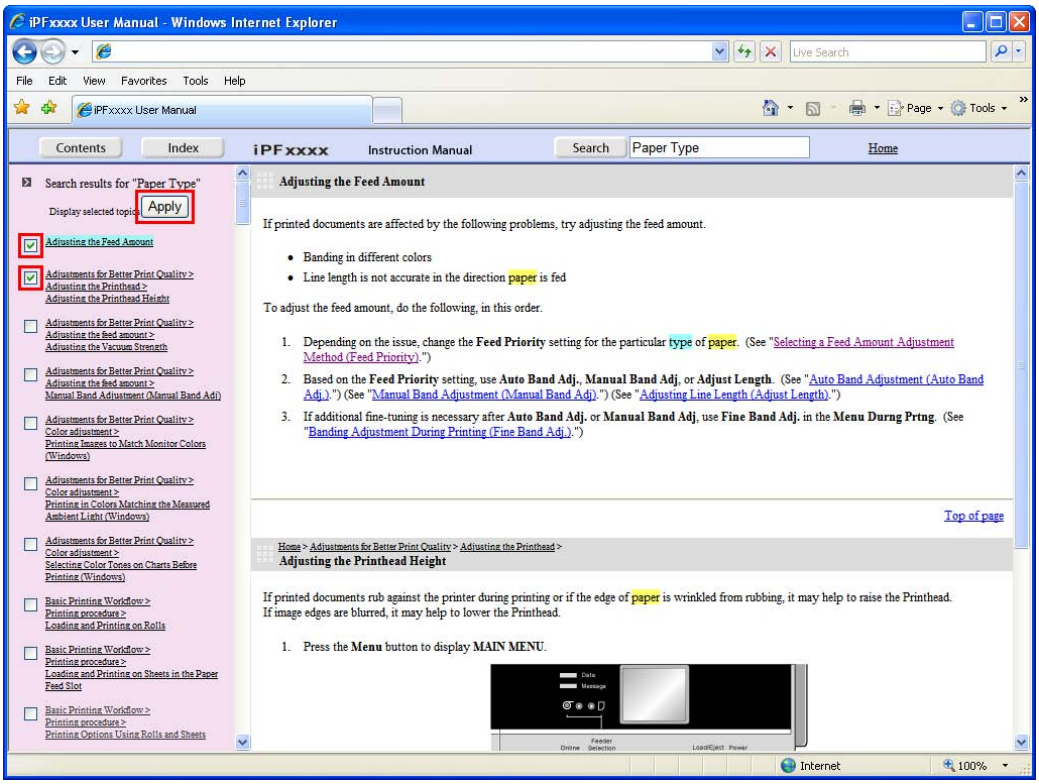
Search results are listed at left.

2. Click a topic you want to read.

The terms you searched for will be highlighted in the topic.



To review multiple topics at once, select the check box of desired topics and click the **Apply** button.



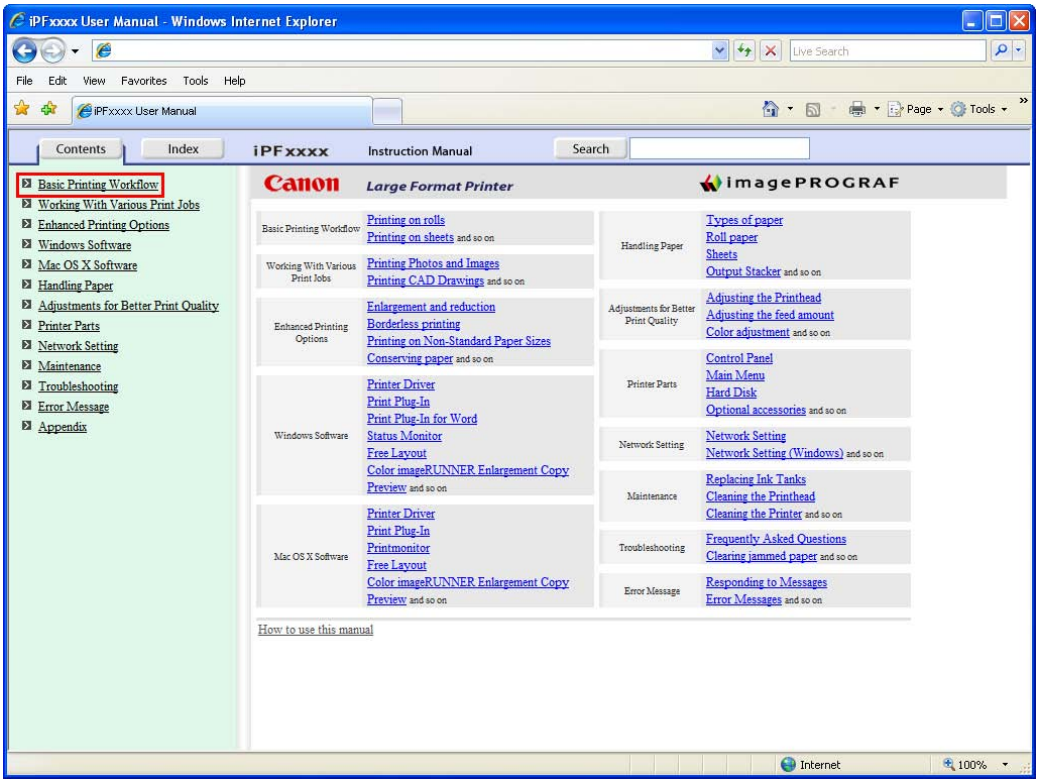
HTML Version of the Manual for Printing

You can select a group of topics in the table of contents or individual topics in this manual for printing.
The following procedure describes how to do this, using the information in **Basic Printing Workflow** as an example.

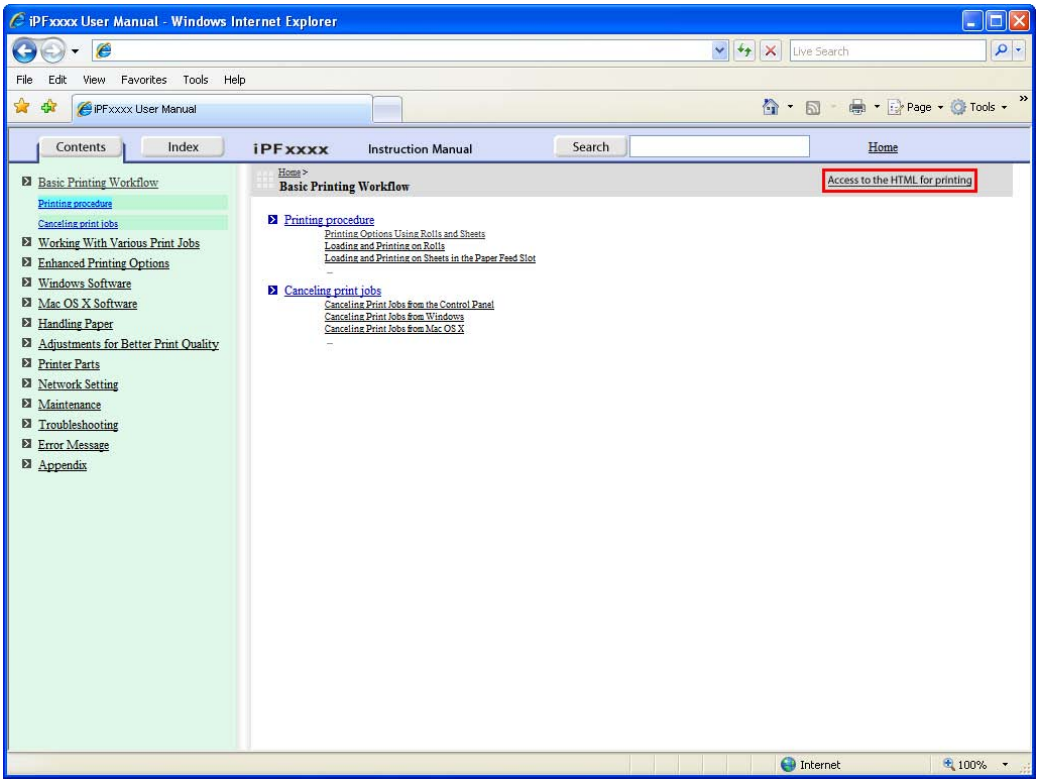
Printing a group of topics in the manual

When you access printable HTML versions of the content from section titles in the table of contents, you can specify a group of topics to print.

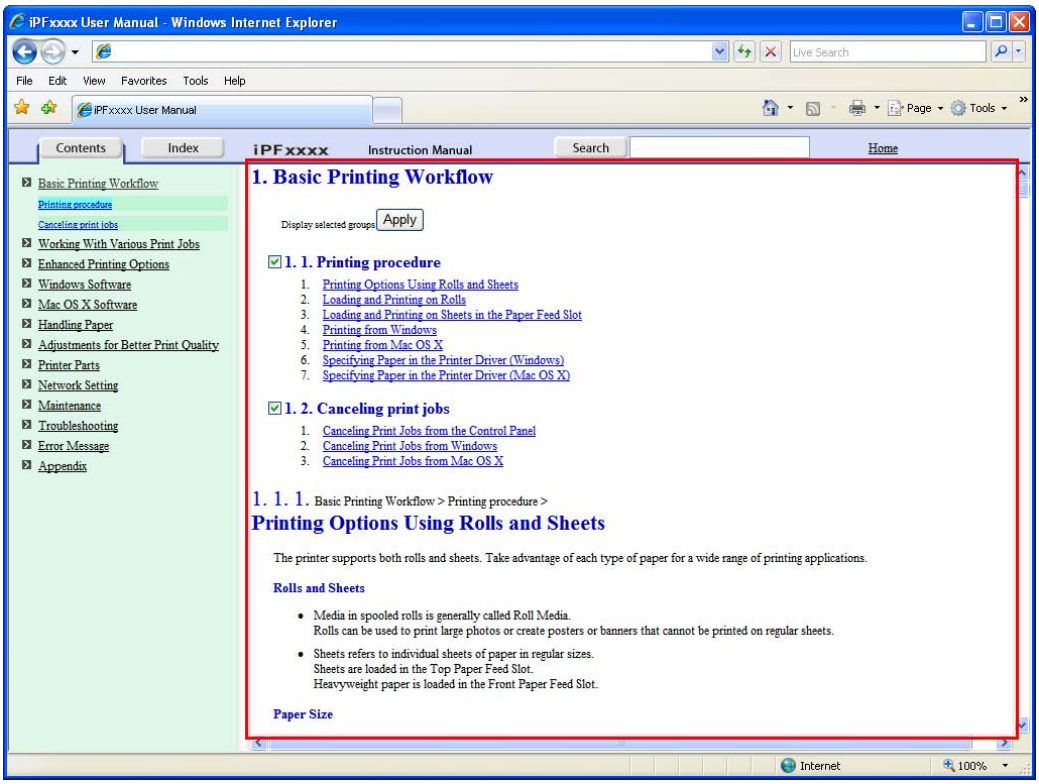
1. Click a section title in the table of contents. Here, **Basic Printing Workflow** is used as an example.



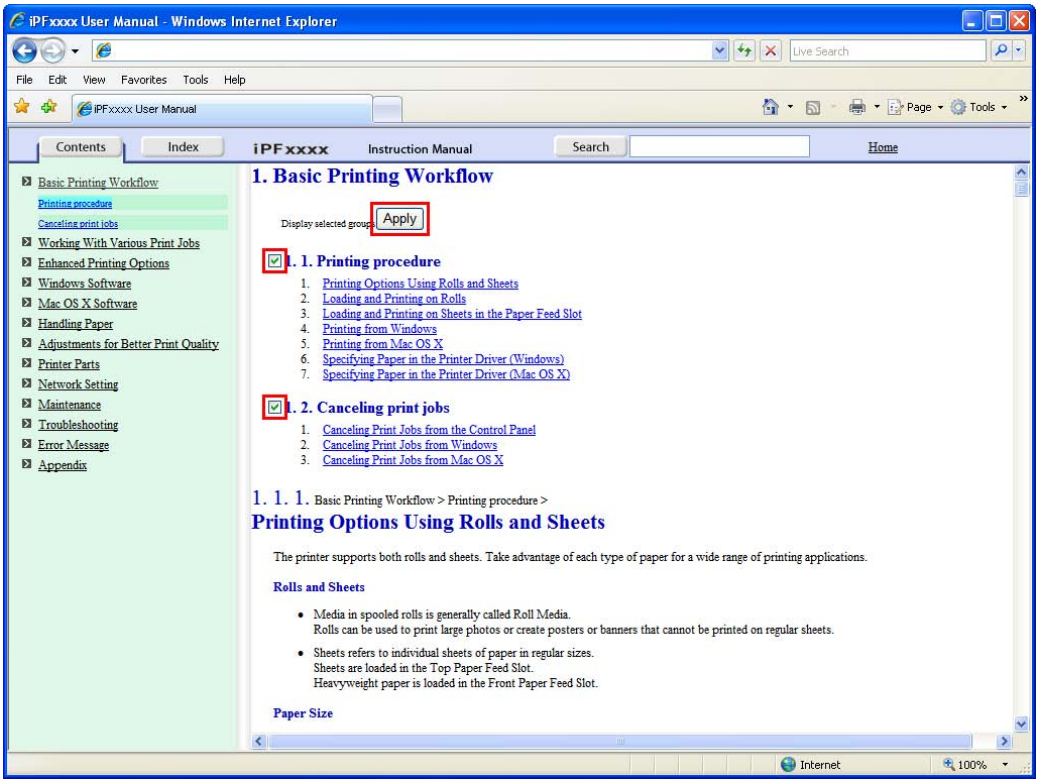
2. Click **Access to the HTML for printing** in the title area.



The topics in **Basic Printing Workflow** are displayed together in HTML format, ready for printing.



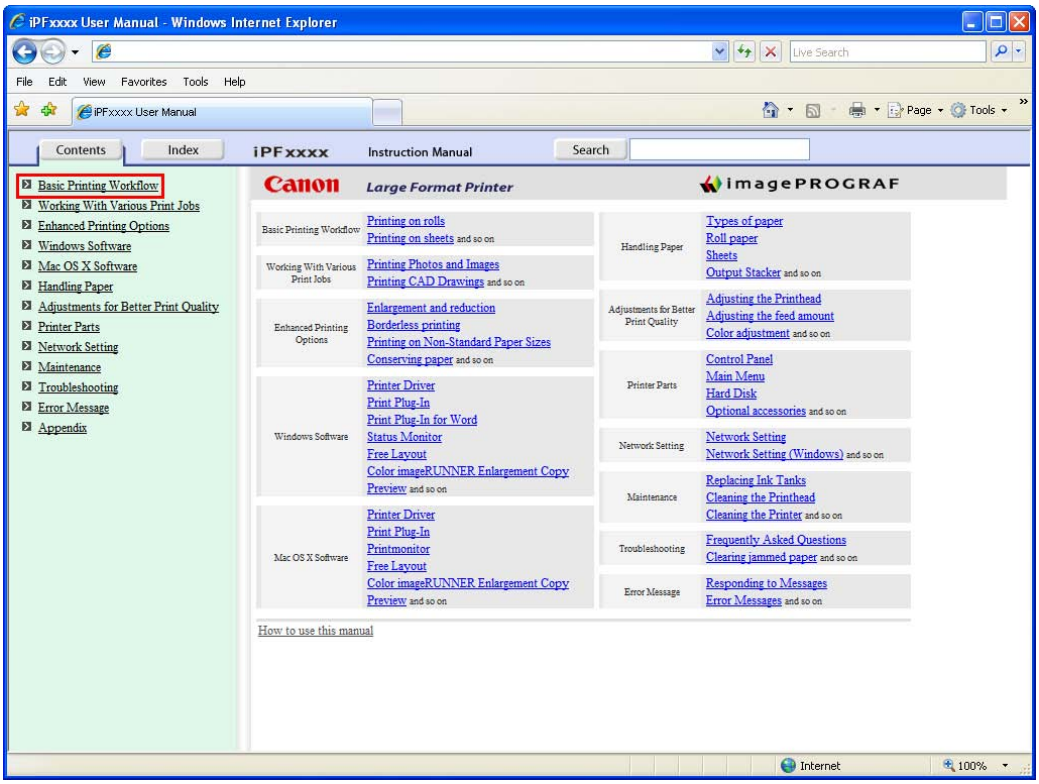
3. Clear the sections you will not print and click the **Apply** button.



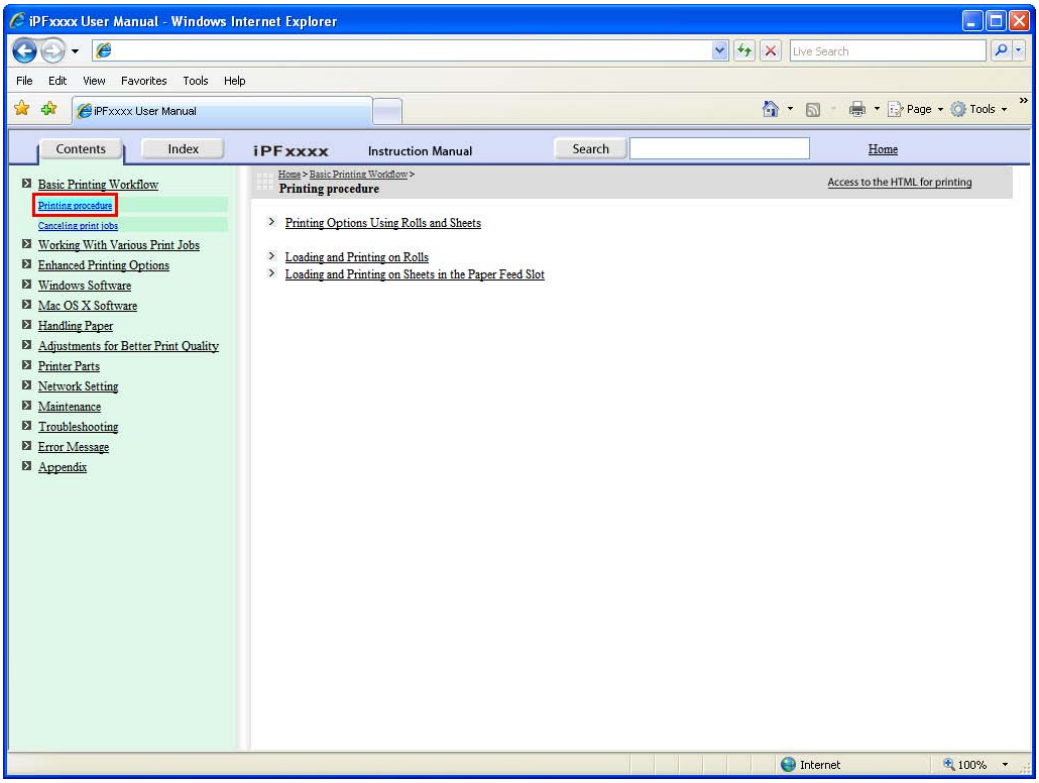
Printing a group of individual topics in the manual

When you access printable HTML versions from subtitles in the table of contents, you can specify a group of topics to print.

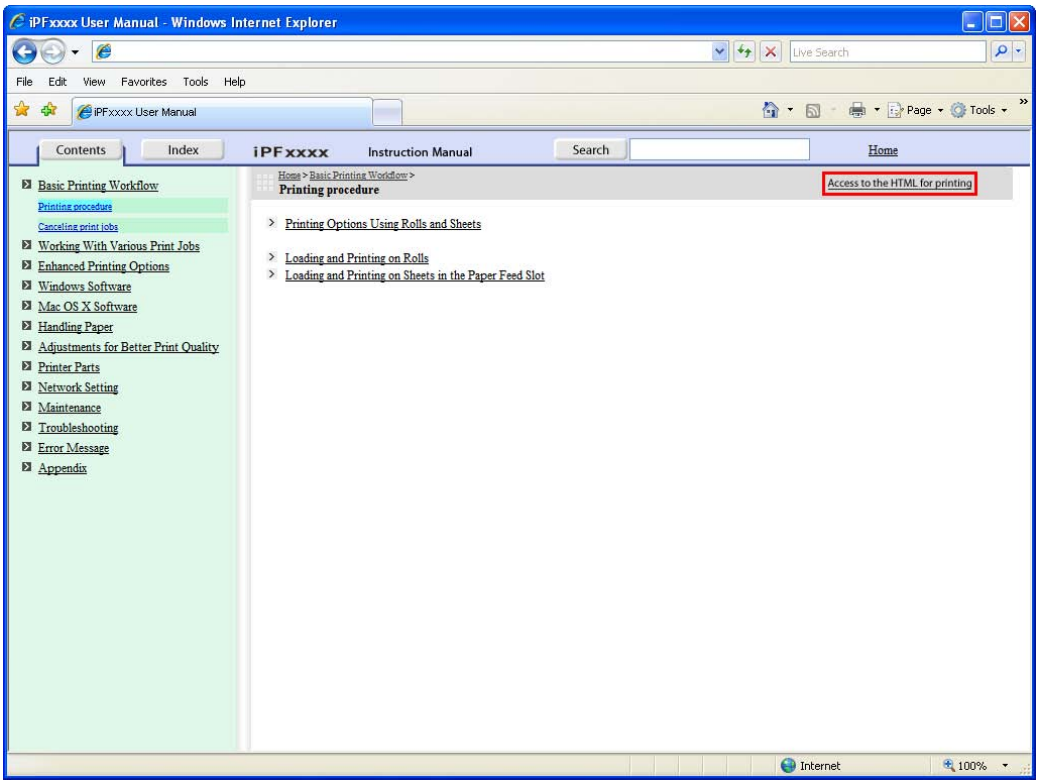
1. Click a section title in the table of contents. Here, **Basic Printing Workflow** is used as an example.



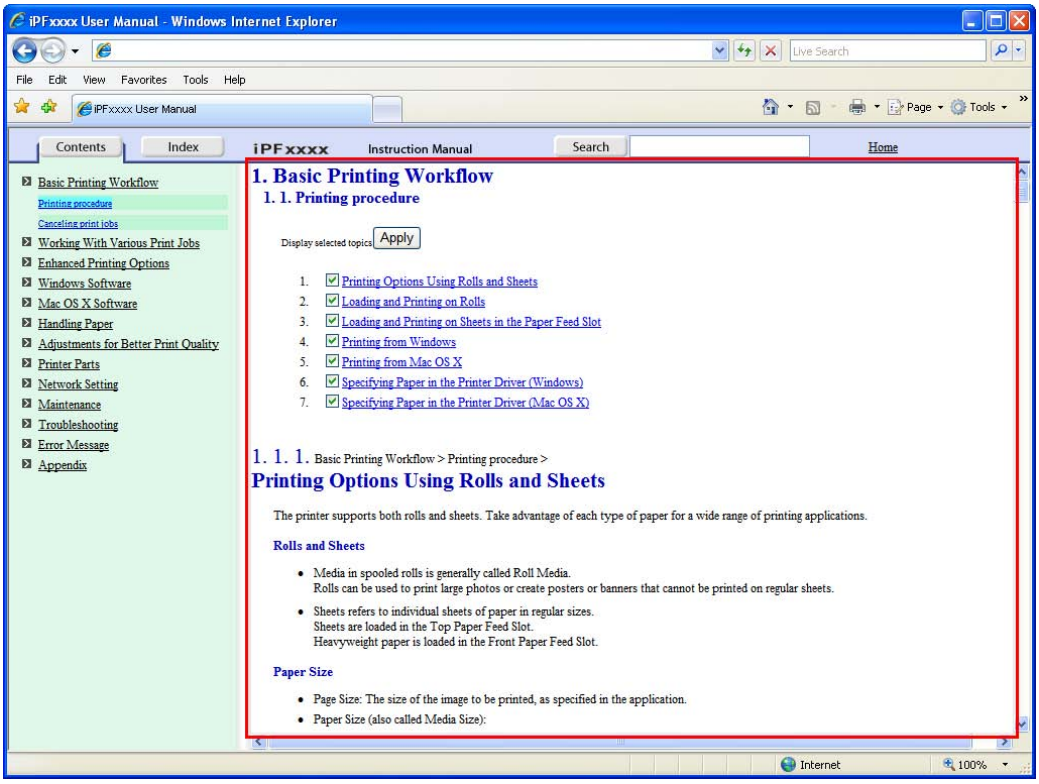
2. Under **Basic Printing Workflow**, click **Printing Procedure**.



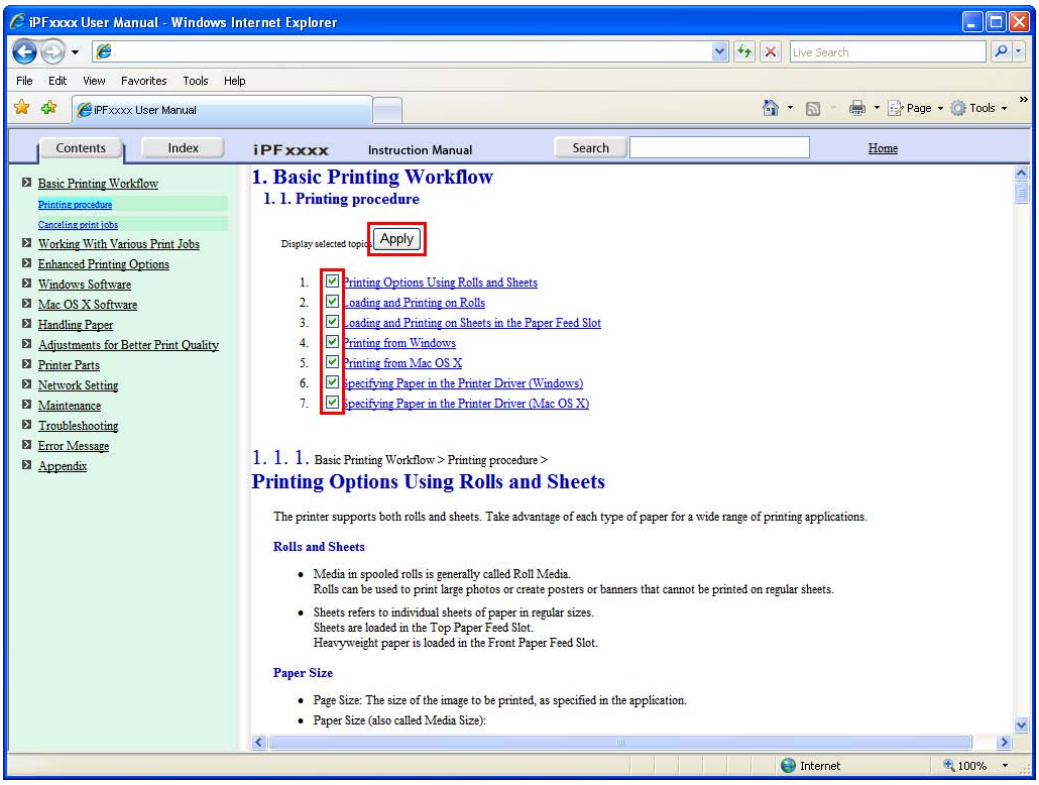
3. Click **Access to the HTML for printing** in the title area.



The topics in **Printing Procedure** are displayed together in HTML format, ready for printing.



4. Clear the topics you will not print and click the **Apply** button.

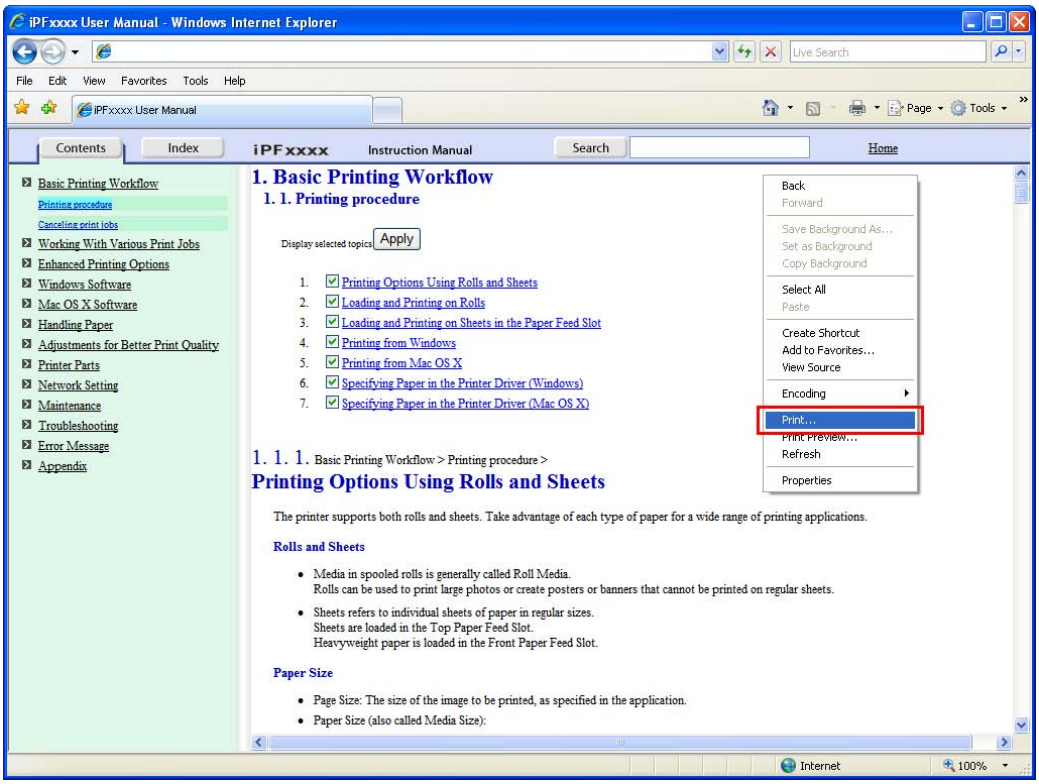


Printing selected topics

Print selected topics as follows.

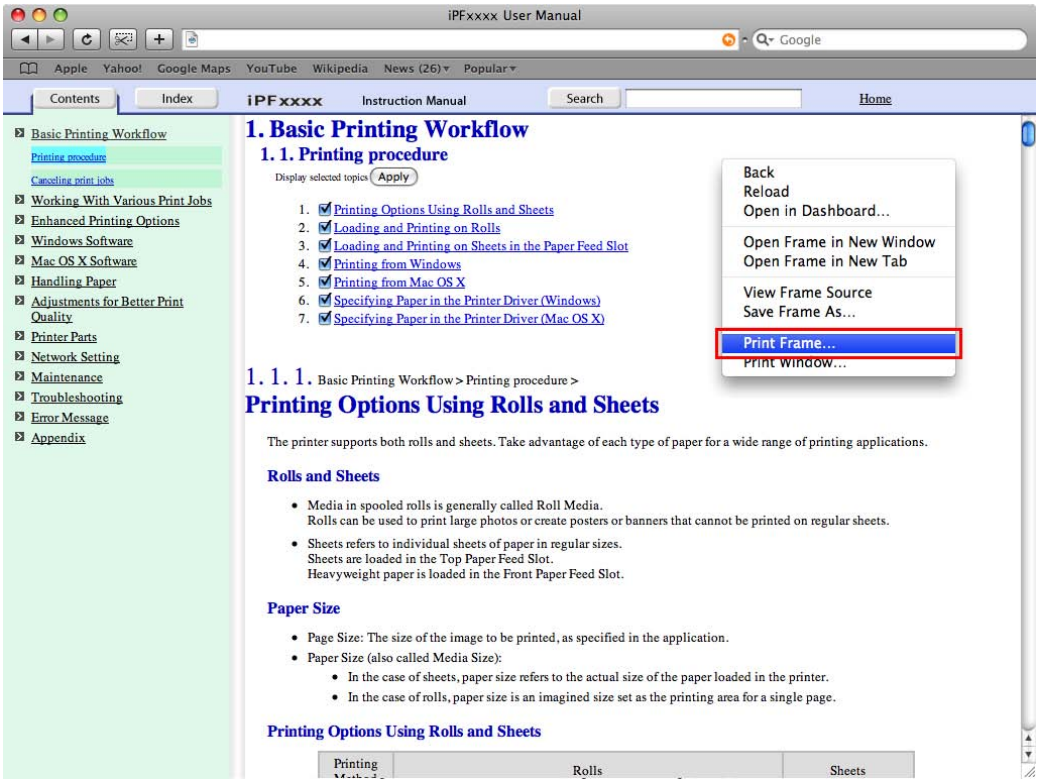
1. Access the printing dialog box as follows, depending on your computer's operating system.
   - Windows

     In Windows, right-click anywhere in the explanation area except on a figure or a link.In the shortcut menu, click **Print** to display the **Print** dialog box.



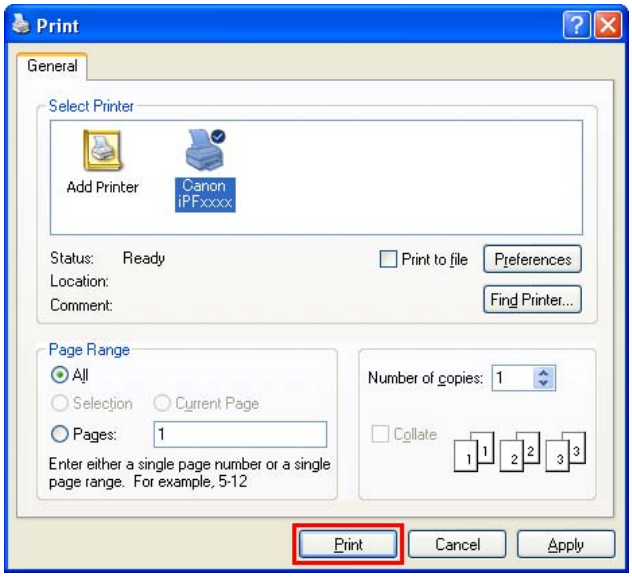
- Macintosh

  On a Macintosh computer, click anywhere in the explanation area except on a figure or a link while holding the Ctrl key. In the shortcut menu, click **Print Frame** to display the **Print** dialog box.

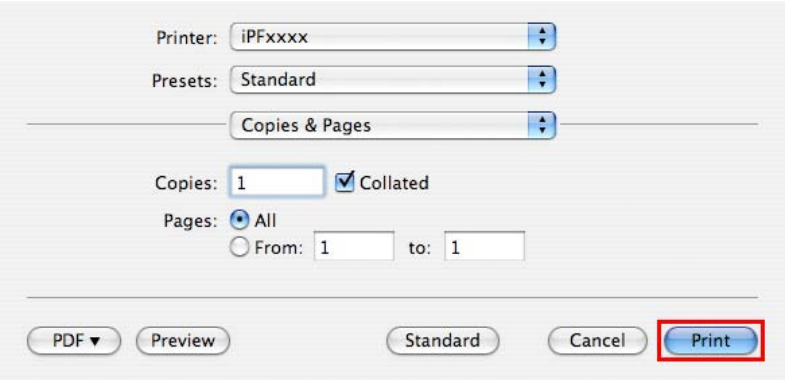


2. Specify conditions as needed, and then click **Print** (Windows) or **Print** (Macintosh).

- Windows



- Macintosh



Note

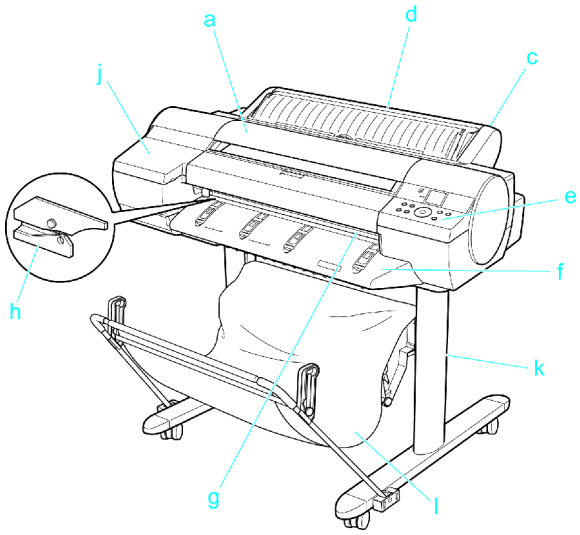
- To print only individual topics that are displayed, use this method.

Printer Parts

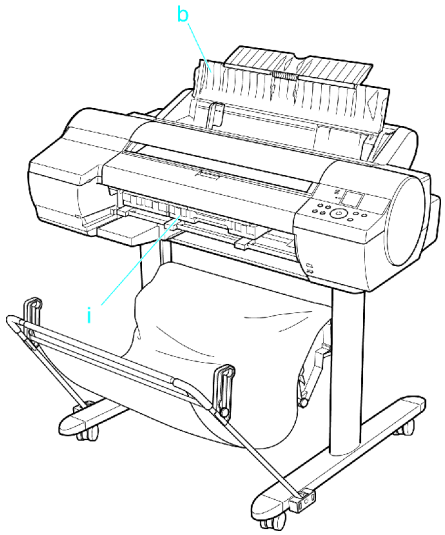
Printer parts

Front

Standard



When the Ejection Guide is removed



a. Top Cover

Open this cover to install the Printhead and remove any jammed paper from inside the printer, as needed. (→P.16)

b. Paper Tray Cover

Open this cover to load sheets in the Top Paper Feed Slot. (→P.17)

c. Roll Feed Unit

Load rolls in this unit. You can also load sheets in this unit manually.

d. Roll Feed Unit Cover

Open this cover to load rolls. (→P.18)

e. Control Panel

Use this panel to operate the printer and check the printer status. (→P.22)

f. Ejection Guide

Supports paper as it is ejected to prevent it from rising.

g. Output Tray (Front Paper Feed Slot)

All printed documents are ejected to the output tray. Also, use this slot when loading heavyweight paper. (→P.17)

h. Cutter Unit

A round-bladed cutter for automatic cutting of roll paper. The cutter is retracted inside when not cutting.

i. Maintenance Cartridge

Absorbs excess ink.

j. Ink Tank Cover

Open this cover to replace Ink Tank. (→P.20)

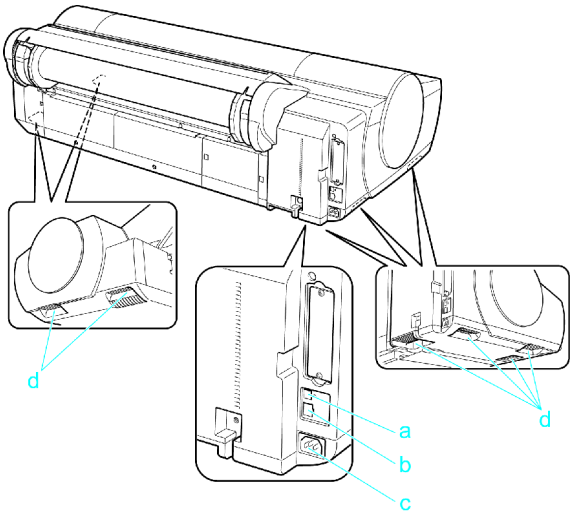
k. Stand

A stand on which the printer is installed. Equipped with casters so that the printer can be easily moved.

l. Output Stacker

Printed documents are ejected into the output tray. The Output Stacker can hold one sheet. (→P.159)

Back



a. USB Port

Connect a USB cable to this port. The printer is compatible with Hi-Speed USB connections.

b. Ethernet Port

Connect an Ethernet cable to this port.

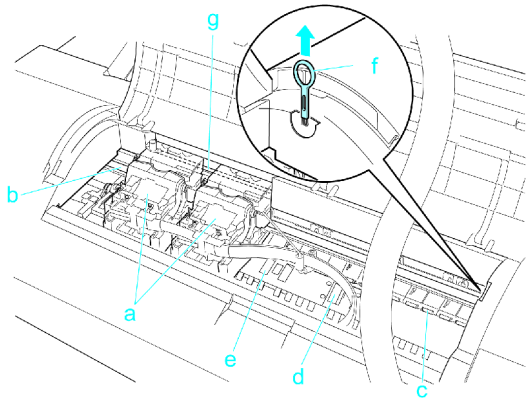
c. Power Supply Connector

Connect the power cord to this connector.

d. Carrying Handles (at six positions)

When carrying the printer, hold it by these handles under both sides.

Top Cover (Inside)



a. Carriage

Moves the Printhead. It serves a key role in printing. (→P.19)

b. Carriage Shaft

The Carriage slides along this shaft.

c. Paper Retainer

Important in supplying the paper. This retainer holds paper as it is fed.

d. Platen

The Printhead moves across the platen during printing. Vacuum holes on the platen hold paper in place.

e. Borderless Printing Ink Grooves

For catching ink outside the edges of paper during borderless printing.

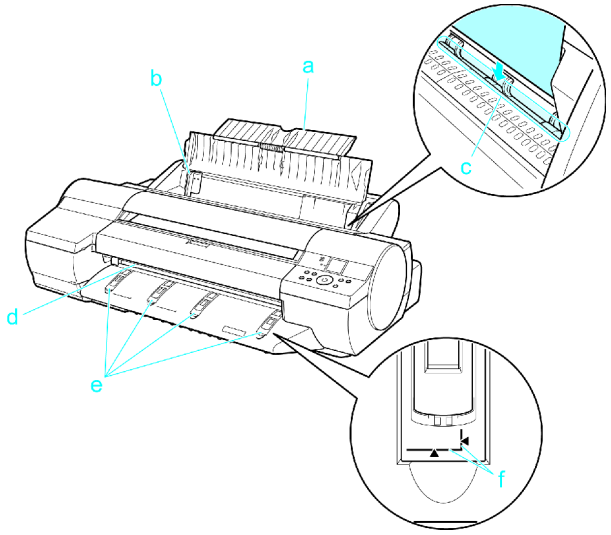
f. Cleaning Brush

When cleaning inside the printer under the Top Cover, use this brush to sweep away paper dust on the Platen.

g. Linear Scale

The linear scale serves a key role in detecting the Carriage position. Be careful not to touch this part when cleaning inside the Top Cover or clearing paper jams.

Tray Feed Area



a. Tray Extension

When loading sheets on the tray, open the Paper Tray Cover before opening the tray.

b. Width Guide

When loading the sheets , move the guide to match the paper size.

c. Top Paper Feed Slot

When loading sheets, insert them here.

d. Front Paper Feed Slot (Output Tray)

When loading heavyweight paper, insert it here. Also, all printed documents are ejected from this slot.

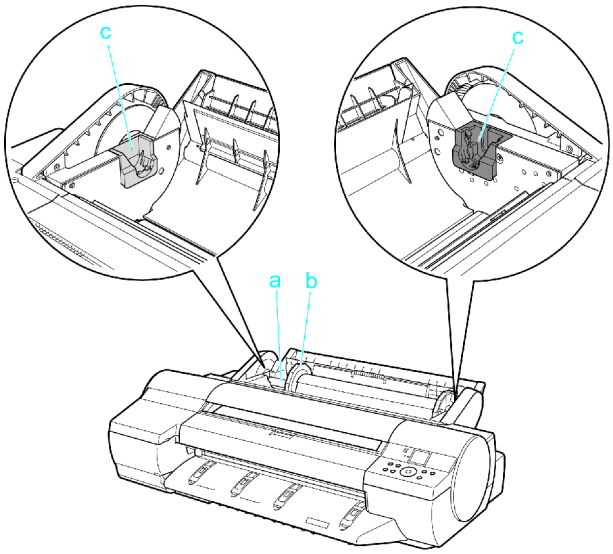
e. Front Tray Guides

Lift all of the guides before printing on heavyweight paper. When feeding heavyweight paper, rest the sheet on these guides, align it to the right, and insert the leading edge up to the Paper Alignment Line.

f. Paper Alignment Line

When loading heavyweight paper, ensure the paper edge is parallel to this line.

Roll Feed Unit Cover (Inside)



a. Roll Holder

Load rolls on this holder.

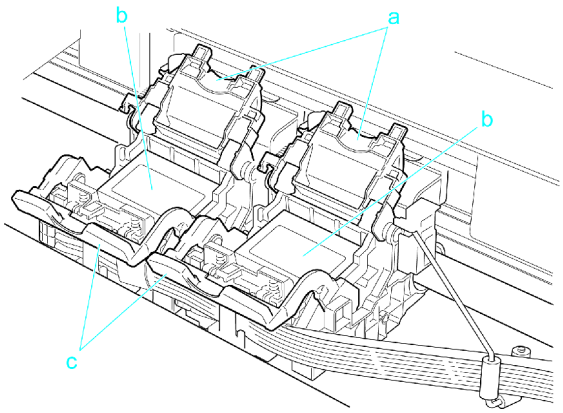
b. Holder Stopper

Secure rolls on the Roll Holder with this part.

c. Roll Holder Slot

Slide the Roll Holder into this guide slot.

Carriage



a. Printhead Fixer Cover

Holds the Printhead in place. Do not open this part except during Printhead replacement.

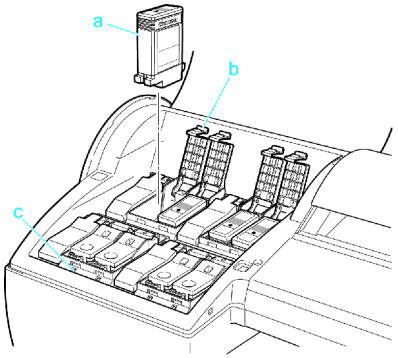
b. Printhead

The printhead is equipped with ink nozzles. It serves a key role in printing.

c. Printhead Fixer Lever

Locks the Printhead Fixer Cover. Do not open this part except during Printhead replacement.

Ink Tank Cover (Inside)



a. Ink Tank

Cartridges of ink in various colors.

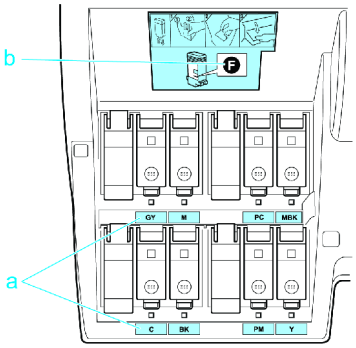
b. Ink Tank Lock Lever

A lever that locks the Ink Tank in place and protects it. Lift and press down the lever when replacing an Ink Tank.

c. Ink Lamp (Red)

Indicates the state of the Ink Tank as follows when the Ink Tank Cover is opened.

- On
  The Ink Tank is installed correctly.
- Off
  No Ink Tank is installed, or the ink level detection function is disabled.
- Flashing Slowly
  Not much ink is left.
- Flashing Rapidly
  There is no ink left.



a. Ink Color Label

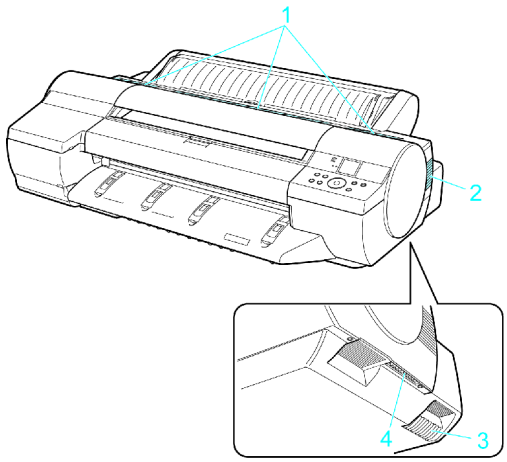
Load an Ink Tank that matches the color and name on this label.

b. Ink Set

An Ink Tank that can be used in the printer is labeled with a white letter “F” in a black circle on the side. When purchasing an Ink Tank, make sure an “F” is printed on the label. (→P.614)

Vents

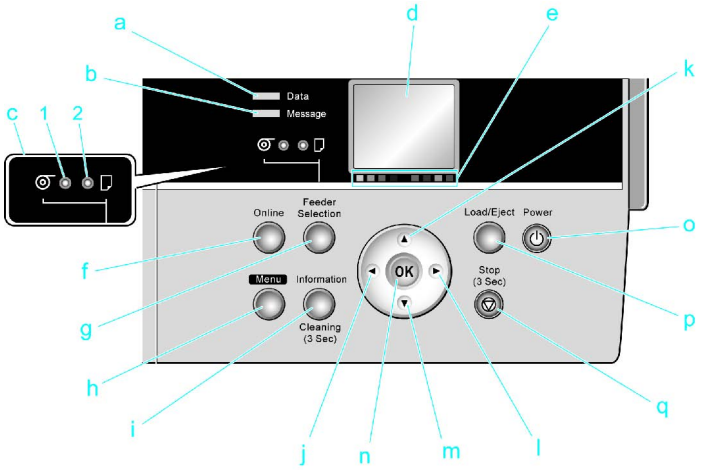
The vents are on top (1), on the right (2), and on the bottom on the right (3 and 4).



Caution

- Do not block these vents when the printer is on.
- Avoid setting paper or other light objects near the vents.

Control Panel



a. Data lamp (Green)
   - Flashing
     During printing, the Data lamp flashes when the printer is receiving or processing print jobs. Otherwise, this lamp flashes when the printer is paused or updating the firmware.
   - Off
     There are no active print jobs when the Data lamp is off.

b. Message lamp (Orange)
   - On
     A warning message is displayed.
   - Flashing
     An error message is displayed.
   - Off
     The printer is off or is operating normally.

c. Paper Source Section

   After you press the **Feeder Selection** button, the lamp for your chosen paper source is lit.

   1. **Roll Media lamp** (Green) (Rolls)
      - On
        Indicates that a roll is selected as the paper source.
      - Off
        Shows whether the Tray or Front Paper Feed Slot is selected as the paper source.
   2. **Cut Sheet lamp** (Green)
      - On
        Shows whether the Tray or Front Paper Feed Slot is selected as the paper source.
      - Off
        Indicates that a roll is selected as the paper source.

d. Display Screen

   Shows the printer menu, as well as the printer status and messages.

e. Color Label

   These labels indicate the Ink Tank colors and names. The labels correspond to the ink levels on the Display Screen.

f. **Online** Button

Switches the printer online and offline. (→P.35)

- On (Green)
  The printer is online.
- Flashing
  The printer is recovering from Sleep mode.
- Off
  The printer is offline.

g. **Feeder Selection** Button

Switches the paper source. Each time you press this button, the paper source switches between roll feed (when the paper source is a roll) and sheet feed (when the paper source is the Tray or Front Paper Feed Slot). The corresponding lamp in the paper source section is lit.

h. **Menu** Button

Displays the main menu of the printer. (→P.55)

i. **Information** Button

Displays printer submenus. Press this key to display information about ink, paper, and so on. (→P.69)

You can also hold down this button for three seconds to clean the Printhead (**Head Cleaning A**).

j. ◄ Button

Menu mode: Press this button to display the menu one level higher.

When you are entering numbers, the button moves the cursor to the next digit.

The instructions can be paused when **[← Pause]** is displayed.

When **[← Back]** is displayed, you can access the previous instruction screen.

k. ▲ Button

Offline mode: Press this button to rewind rolls manually. (→P.128)

Menu mode: Press this button to display the previous menu item or setting value.

l. ► Button

Menu mode: Press this button to display the menu one level lower.

When **[Fwd →]** is displayed, you can access the next instruction screen.

m. ▼ Button

Offline mode: Press this button to feed roll paper manually. (→P.128)

Menu mode: Press this button to display the next menu item or setting value.

n. **OK** Button

In menu mode, press this button to confirm or execute the selected item or setting.

At other times, pressing this button enables you to access the next screen after following the instructions on the Display Screen.

o. **Power** Button

Turns the printer on and off. (→P.28)

p. **Load/Eject** Button

You can check instructions on loading, replacing, and removing paper. Instructions for loading or replacing paper are shown on the Display Screen if pressed when no paper is loaded, and instructions for removing paper are shown if paper is loaded.

q. **Stop** Button

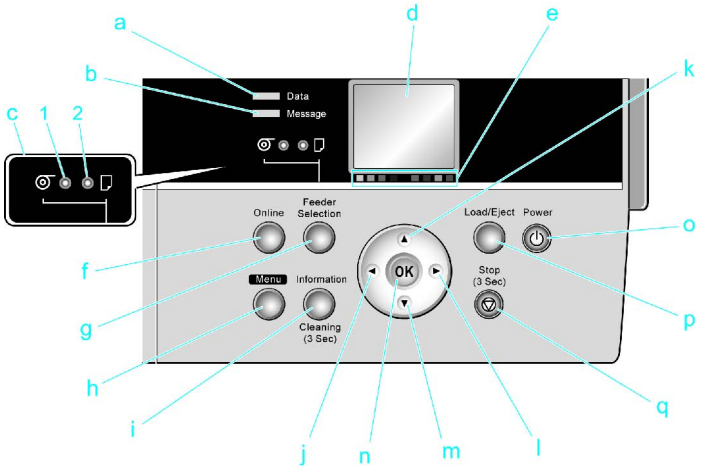
Hold down for at least a second to cancel print jobs in progress or end the ink drying period.
During display of instructions on loading sheets, for example, you can hold down this button for one second to pause the current screen.


Note

- When the printer is in Sleep mode, you can press any button to wake the printer and bring it online or offline again.

Control Panel

Control Panel



a. Data lamp (Green)

- Flashing
  During printing, the Data lamp flashes when the printer is receiving or processing print jobs. Otherwise, this lamp flashes when the printer is paused or updating the firmware.
- Off
  There are no active print jobs when the Data lamp is off.

b. Message lamp (Orange)

- On
  A warning message is displayed.
- Flashing
  An error message is displayed.
- Off
  The printer is off or is operating normally.

c. Paper Source Section

After you press the **Feeder Selection** button, the lamp for your chosen paper source is lit.

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   - On
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   - Off
     Shows whether the Tray or Front Paper Feed Slot is selected as the paper source.
2. **Cut Sheet lamp** (Green)
   - On
     Shows whether the Tray or Front Paper Feed Slot is selected as the paper source.
   - Off
     Indicates that a roll is selected as the paper source.

d. Display Screen

Shows the printer menu, as well as the printer status and messages.

e. Color Label

These labels indicate the Ink Tank colors and names. The labels correspond to the ink levels on the Display Screen.

f. **Online** Button

Switches the printer online and offline. (→P.35)

- On (Green)
  The printer is online.
- Flashing
  The printer is recovering from Sleep mode.
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  The printer is offline.

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When you are entering numbers, the button moves the cursor to the next digit.

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Menu mode: Press this button to display the previous menu item or setting value.

l. ► Button

Menu mode: Press this button to display the menu one level lower.

When **[Fwd →]** is displayed, you can access the next instruction screen.

m. ▼ Button

Offline mode: Press this button to feed roll paper manually. (→P.128)

Menu mode: Press this button to display the next menu item or setting value.

n. **OK** Button

In menu mode, press this button to confirm or execute the selected item or setting.

At other times, pressing this button enables you to access the next screen after following the instructions on the Display Screen.

o. **Power** Button

Turns the printer on and off. (→P.28)

p. **Load/Eject** Button

You can check instructions on loading, replacing, and removing paper. Instructions for loading or replacing paper are shown on the Display Screen if pressed when no paper is loaded, and instructions for removing paper are shown if paper is loaded.

q. **Stop** Button

Hold down for at least a second to cancel print jobs in progress or end the ink drying period.
During display of instructions on loading sheets, for example, you can hold down this button for one second to pause the current screen.

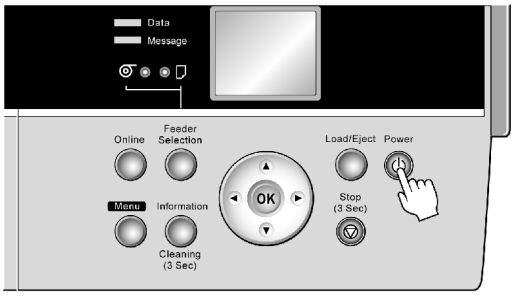

Note

- When the printer is in Sleep mode, you can press any button to wake the printer and bring it online or offline again.

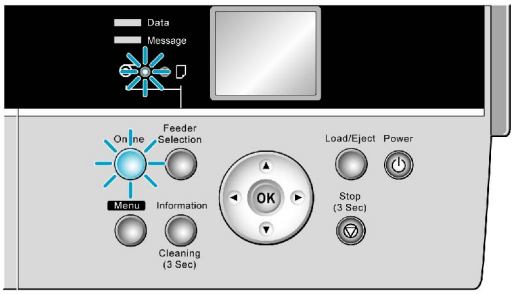
Turning the Printer On and Off

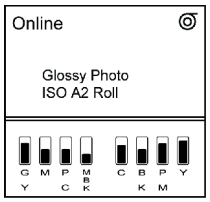
Turning the printer on

1. Press the **Power** button to turn on the printer.
   The printer will now start up.
   After the Display Screen shows the Canon logo, **Starting up... Please wait.** is displayed.



2. The printer goes online in preparation for printing after startup, and the Online lamp and paper source section lamp remain lit.





The printer will not go online in the following situations. Take action as needed.

- The Top Cover is open
  Close the Top Cover.
- The Ink Tank Cover is open
  Close the Ink Tank Cover.
- The Printhead is not installed
  Please see “Replacing the Printhead”. (→P.626)
- Ink Tank is not installed
  Please see “Replacing Ink Tanks”. (→P.615)
- “ERROR” is shown on the Display Screen
  Turn off the printer and contact your Canon dealer.
- The Online lamp and Message lamp are not lit (even once), and nothing appears on the Display Screen
  Make sure the printer is plugged in correctly. Check the connection at the plug and electrical outlet.
- No paper is loaded
  Load paper. (→P.88) (→P.93)

Important

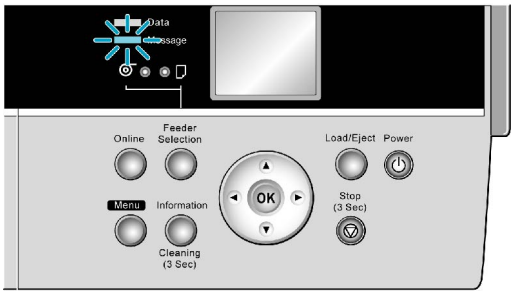
- Starting the printer when it is connected via the USB cable to a Macintosh computer that is off may cause the computer to start up at the same time. To prevent this, disconnect the USB cable before starting the printer. Connecting the printer to the computer via a USB hub may solve this issue.

Turning the printer off

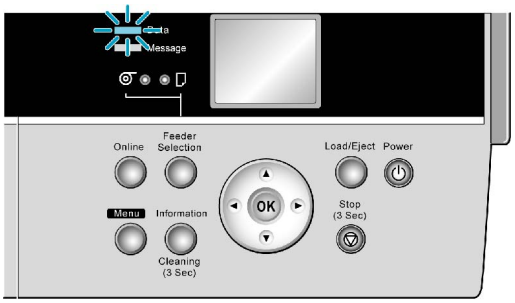
Important

- Never turn the printer off or unplug it during a print job. This could damage the printer.

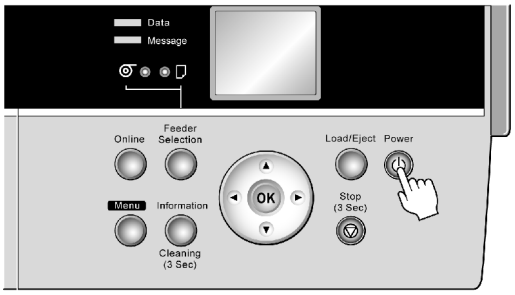
1. Make sure no print jobs are in progress.
   If the Message lamp is flashing, check the message on the Display Screen and take action as necessary. (→P.683)



   If the Data lamp is flashing, the printer is receiving a print job. Turn off the printer only after printing is finished.



2. Hold down the **Power** button for more than a second.



   After **Shut Down.. Please Wait..** is shown on the Display Screen, the printer shuts off.

Printer Modes

Printer modes are classified as follows and described in this topic.

- Modes (→P.30)
- Mode transition (→P.31)
- Online, and state of the Control Panel (→P.32)
- Offline, and state of the Control Panel (→P.33)
- Menu mode, and state of the Control Panel (→P.34)
- Submenu mode, and state of the Control Panel (→P.34)

Modes

The printer has five modes as follows:

- Online

  The printer is ready to receive jobs sent from the computer. Jobs sent from the computer are processed immediately. If jobs are received in other modes, they are printed the next time the printer goes online.
- Offline

  Any jobs sent from the computer are held without being processed.

  While the printer is offline, you can feed or cut roll paper manually.

  The printer goes offline automatically if jobs cannot be processed, as when errors occur.
- Menu mode

  Menus are displayed on the printer, and you can select, set, or execute menu items. Any jobs sent from the computer are held without being printed.
- Submenu mode

  Submenus are displayed regarding ink and paper information. Jobs can be received and printing is possible while submenus are displayed and the printer is online. In other modes, any jobs sent from the computer are held without being printed while submenus are displayed.
- Sleep mode

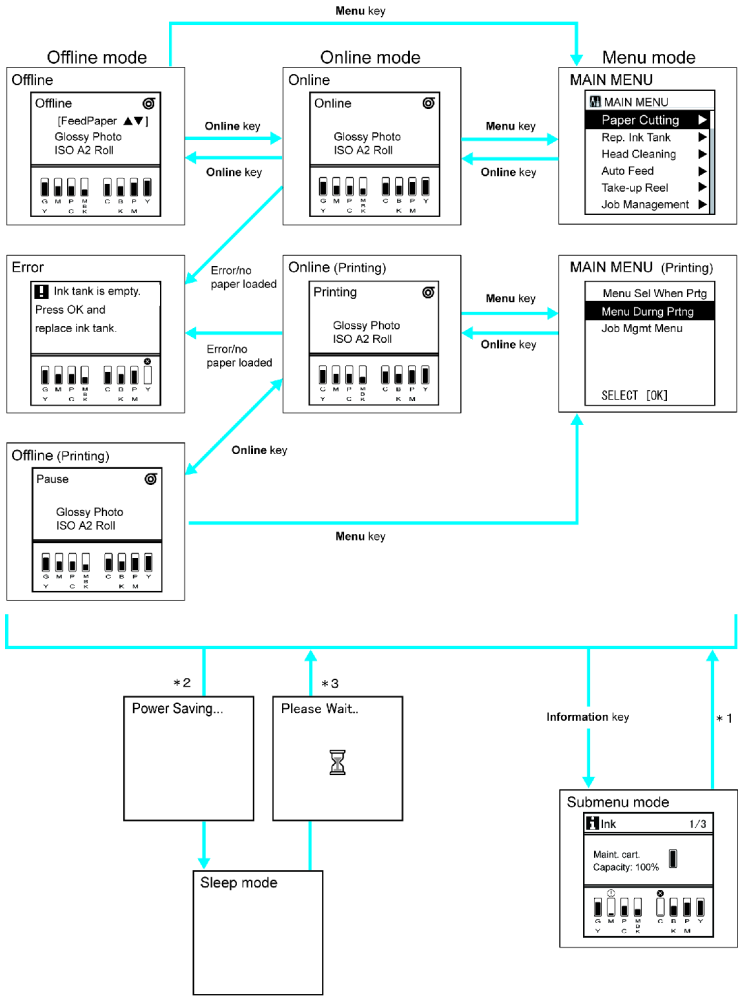
  The printer is in power-saving mode. The printer automatically enters Sleep mode to conserve power if it is idle for a specific period (by default, five minutes), that is, if no print jobs are received or buttons are pressed while all covers are closed.

  You can specify the period before the printer enters Sleep mode in the **Sleep Timer** menu. (→P.55)

  If any print jobs are received when the printer is in Sleep mode (after it was originally online), the printer goes online and prints the jobs.

Mode transition

The printer mode transitions are as follows:

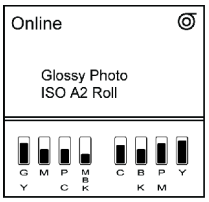
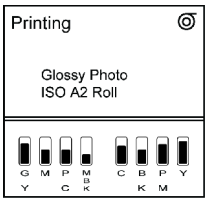


*1: When submenus are displayed, you can press any button other than the **Information** button to return to the previous mode.

*2: The printer automatically enters Sleep mode if it is idle for a specific period (by default, five minutes), that is, if no print jobs are received or buttons are pressed while all covers are closed. However, it does not enter Sleep mode while error messages are displayed.

*3: In Sleep mode, the printer can be restored to the previous state by pressing any button. Sleep mode is also terminated if a print job is received or a command is issued from RemoteUI. However, the printer is turned off when you hold the Power button for a while.

Online, and state of the Control Panel

Not printing	Printing in progress (receiving or processing print jobs)
	

Display Screen

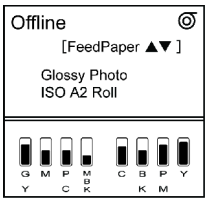
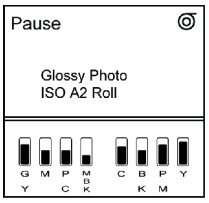
- Top Line of the Display Screen
  The printer status is displayed here. The selected paper source is indicated by an icon in the upper-right corner.
  Any warning messages are displayed here on lines 2-4. Take the appropriate action. (→P.683)
- Middle Level of the Display Screen
  The first and second lines display the paper type and size.
- Bottom Line of the Display Screen
  Here, the remaining ink level is indicated. (→P.621)

Control Panel

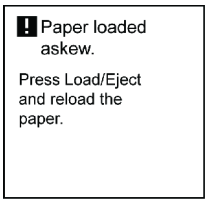
- Online lamp
  Lit when the printer is online.
- Data lamp
  Flashes when print jobs are being received or processed.
- Message lamp
  Lit when warning messages are displayed.

Offline, and state of the Control Panel

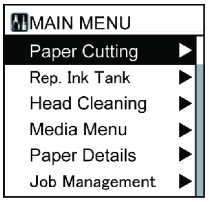
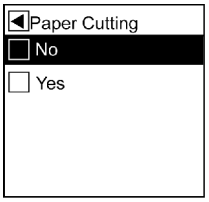
Offline

Not printing	Printing is paused
	
Display Screen • Display Screen The printer status is displayed here. The selected paper source is indicated by an icon in the upper-right corner. Any warning messages are displayed here on lines 2-4. Take the appropriate action. (→P.683) • Middle Level of the Display Screen The first and second lines display the paper type and size. • Bottom Line of the Display Screen Here, the remaining ink level is indicated. (→P.621) Control Panel • Message lamp Lit when warning messages are displayed.	

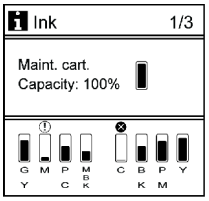
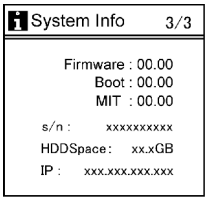
Error Messages

If action can be taken		If no action can be taken	
			
• Top and Middle Levels of the Display Screen Error messages are displayed. • Bottom Line of the Display Screen Here, the remaining ink level is indicated. (→P.621)	• Top and Middle Levels of the Display Screen Error messages are displayed. • Bottom Line of the Display Screen The corrective actions are displayed here.	• Top and Middle Levels of the Display Screen The error message is displayed with the following instructions: **Turn off printer, wait, then turn on again.**.	• Display Screen “ERROR” is displayed, followed by the error code and **Call for service.**.
• Data lamp Flashes when print jobs are being received. • Message lamp Flashes when error messages are displayed.		• Data lamp Flashes when print jobs are being received. • Message lamp Flashes when error messages are displayed.	
Take the appropriate action. (→P.683)		Turn off the printer and wait at least three seconds before restoring the power. If the message is still displayed after this, write down the error code and message, turn off the printer, and contact the Canon dealer for assistance.	

Menu mode, and state of the Control Panel

Main menu	Menu items and settings	Main menu (during printing)
		
• Display Screen Pressing the **Menu** button when printing is not in progress displays the main menu. The title of the selected menu is displayed on the first line, and menus immediately under the current menu are displayed on the second and subsequent lines. Lower level menus are available if "►" is displayed at right. (→P.39)	• Display Screen The title of the selected menu is displayed on the first line, and menu items or settings are displayed on the second and subsequent lines. (→P.39) Menu items or settings (top figure) can be displayed by pressing the ► button when the main menu (left figure) is displayed.	• Display Screen Menus available during printing are displayed if you press the **Menu** button during printing. If you select a menu, the title of the selected menu is displayed on the first line, and menus immediately under the current menu are displayed on the second and subsequent lines. Lower level menus are available if "►" is displayed at right. (→P.39)

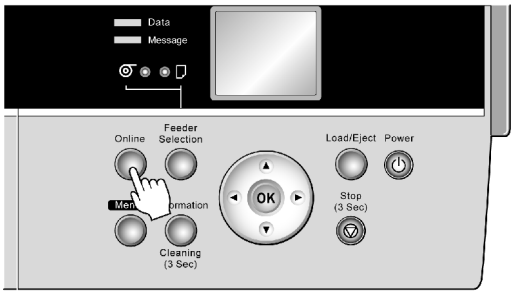
Submenu mode, and state of the Control Panel

Remaining Maintenance Cartridge capacity and ink levels	Information on the loaded paper	Printer information
		
Pressing the **Information** button switches the information displayed between **Ink**, **Media Info**, and **System Info**. (→P.69)		

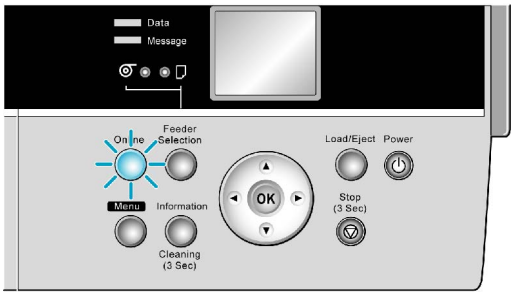
Switching Modes

Switching the Printer Online/Offline

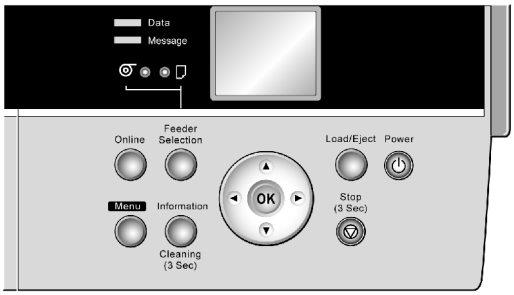
Press the **Online** button to switch the printer online or offline.



The Online lamp is lit in Online mode. Printing is possible in this mode.



The Online lamp is off in Offline mode.



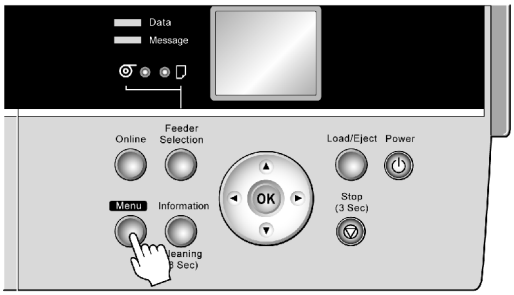
Depending on the status, the printer switches online and offline as follows.

Printer Status	When Online is Pressed
Online	The printer switches offline and the Online lamp goes off.
Online, printing	Switches offline and printing is paused. When printing is paused, the **Printing** menu is available.
Offline	Switches online and the Online lamp is lit.
Offline, when an error message is displayed	In the case of error messages other than those shown below or if paper is not loaded, the printer remains offline until you solve the problem. The Online lamp remains off.
	If the following error messages are displayed, the printer goes online and printing is resumed. However, you may not be able to obtain the desired printing results. • **Insufficient paper for job** • **PHead needs cleaning.** • **Papr Size Mismatch** • **Papr Type Mismatch**

Printer Status	When Online is Pressed
Menu mode	Switches online and the Online lamp is lit.
Menu mode, printing	Switches online and the Online lamp is lit. Print is resumed.

Switching to Menu Mode

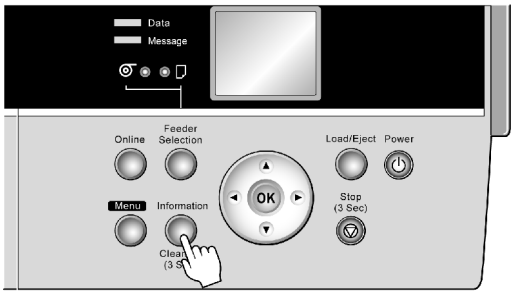
Press the **Menu** button to display the main menu.



Depending on the status, the printer switches to Menu mode as follows.

Printer Status	When Menu is Pressed
Online	Switches to Menu mode.
Online, printing	The printer stays online. It does not switch to Menu mode.
Offline	Switches to Menu mode.
Offline, printing	Menus available during printing are displayed.
Offline, when an error message is displayed	You cannot access Menu mode until the problem is solved.

Press the **Information** button to display the submenus.



Pressing the **Information** button switches the information displayed between **Ink**, **Media Info**, and **System Info**. Press the **Information** button repeatedly to change the information displayed. (→P.69)
Press any button other than the **Information** button to restore the previous mode.
After you display a submenu, the printer will revert to the previous mode in about ten seconds if no print job is received or if you do not operate the printer.

Note

- You can start **Head Cleaning A** by holding down the **Information** button for three seconds or more. (→P.625)

Printer Menu Operations

The printer menu includes a main menu and submenus.

- Main menu operations when no print job is in progress (→P.37)
- Main menu operations during printing (→P.37)
- Job management menu operations (→P.38)
- Submenu operations (→P.38)

Main menu operations when no print job is in progress

Access the main menu by pressing the **Menu** button on the Control Panel.

Note

- The main menu will not be displayed in the following case even if you press the **Menu** button.
  - When an error message is displayed
    You can switch to Menu mode after the problem is solved.

The following operations are available from the main menu.

- Paper settings
- Print settings
- Printer settings
- Job management menu operations

For a description of specific items available in the main menu, see “Main Menu Settings”. (→P.55)
For instructions on selecting and setting main menu items, see “Main Menu Operations”. (→P.39)

Note

- By default, main menu settings apply to all print jobs. However, for settings that are also available in the printer driver, the values specified in the printer driver take priority.

Main menu operations during printing

Selecting **Menu Durng Prtng** on the **Menu Selection** screen (displayed by pressing the **Menu** button on the Control Panel during printing) will display only the menu options you can execute during printing, specifically, **Head Cleaning**, **Fine Band Adj.**, and **Information**.

Note

- The **Menu Selection** screen will not be displayed in the following case even if you press the **Menu** button.
  - When an error message is displayed
    You can switch to Menu mode after the problem is solved.

The following operations are available from the main menu during printing.

- Printhead cleaning
- Manual adjustment of the paper feed amount
- Display of printer-related information

For a description of specific items available in the main menu during printing, see “Main Menu Settings (During Printing)”. (→P.66)
For instructions on selecting and setting main menu items during printing, see “Main Menu Operations”. (→P.39)

Job management menu operations

To display the **Job Mgmt Menu**, press **Job Mgmt Menu** on the **Menu Selection** screen, which is displayed by pressing the **Menu** button on the Control Panel during printing.

Note

- The **Menu Selection** screen will not be displayed in the following case even if you press the **Menu** button.
  - When an error message is displayed
    You can switch to Menu mode after the problem is solved.

The following operations are available from the **Job Mgmt Menu**.

- Job queue operations
- Operations involving mail boxes

For a description of specific items available in the main menu during printing, see “Main Menu Settings (During Printing)”. (→P.66)

Submenu operations

Access submenus by pressing the **Information** button on the Control Panel. You can check the following information in submenus.

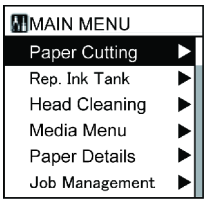
- Remaining Maintenance Cartridge capacity
- Ink levels
- Information on the loaded paper
- Printer information

For a description of specific items displayed in submenus, see “Submenu Display”. (→P.69)

Main Menu Operations

Press the **Menu** button to display the main menu. For details, see “Main Menu Settings”. (→P.55)

- Main menu when no print job is in progress



- Menu selection (if you press the **Menu** button when printing is in progress)



Note

- The main menu will not be displayed in the following case even if you press the **Menu** button.
  - When an error message is displayed
    You can switch to Menu mode after the problem is solved.

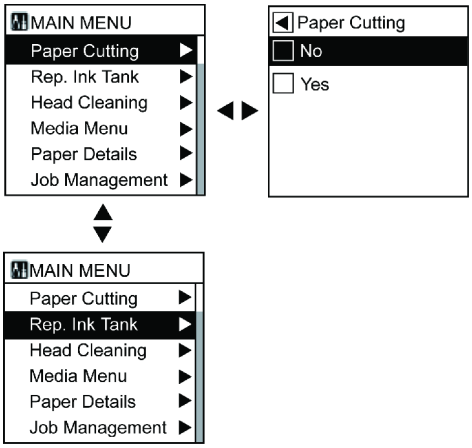
Simply press buttons on the Control Panel to access various function menus from the main menu and set or execute menu items.
The following section describes menu operations and how they are presented in this **User Manual**.

- Accessing menus (→P.40)
- Specifying menu items (→P.41)
- Specifying numerical values (→P.42)
- Executing menu commands (→P.42)

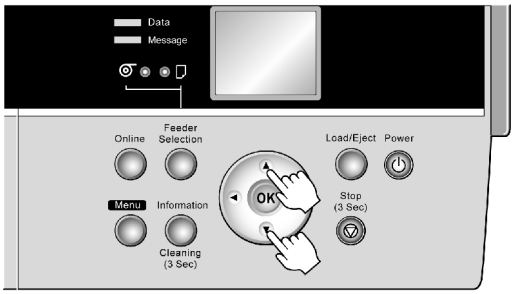
Accessing menus

Printer menus are grouped by function.

Menus are displayed with the upper line selected. Use the buttons on the Control Panel to access each menu.

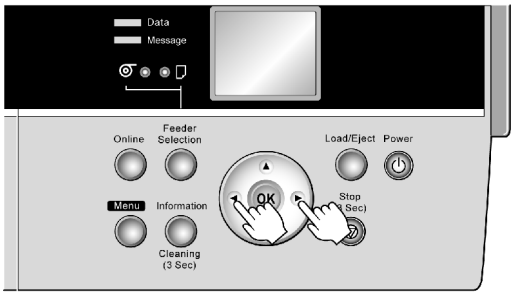


- Press ▲ to access a higher-level menu on the same screen, and press ▼ to access a lower one. If not all menus can be displayed on the screen at once, press ▲ and ▼ to scroll the menu. If you navigate to the bottom menu in the same group and press the ▼ button again, the display switches to the top menu screen. If you navigate to the top menu in the same group and press the ▲ button again, the display switches to the bottom menu screen. Items you select are highlighted.



The scroll bar at right indicates the current position in the overall menu.

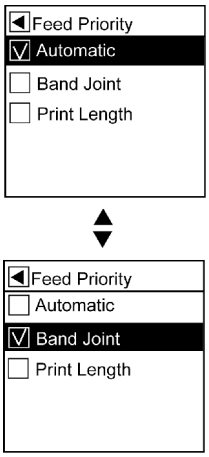
- Lower-level menus are available if "►" is displayed at right. To access these lower-level menus, select a menu and press ►.
- Higher-level menus are available if "◄" is displayed at left in the top line. To access these higher-level menus, press ◄.



Specifying menu items

Follow these steps to specify menu items.

1. Press ▲ or ▼ to select a menu, and then press the ► button.
   Repeat these steps until the desired menu options are displayed.
2. Press ▲ or ▼ to select a setting item to complete, and then press the **OK** button.
   The check box at left is selected, and the setting is confirmed.



   After two seconds, the display reverts to the higher-level menu.
3. Press the **Online** button to bring the printer online.

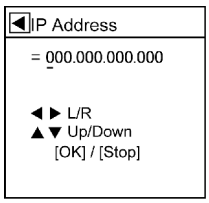
Note

- If a confirmation message is displayed regarding the setting you entered, press the **OK** button. The setting is applied, and the printer goes online.

Specifying numerical values

Follow these steps to enter numbers. In this example, network settings items are entered.

1. Press ▲ or ▼ to select **Interface Setup**, and then press the ► button.
2. Press ▲ or ▼ to select **TCP/IP**, and then press the ► button.
3. Press ▲ or ▼ to select **IP Setting**, and then press the ► button.
4. Press ▲ or ▼ to select **IP Address**, and then press the ► button.
5. Press ◄ or ► to move the cursor (_) to each field for entering numbers.



6. Press the ▲ or ▼ button to enter the value.

Note

- Hold down ▲ or ▼ to increase or decrease the value continuously.
- Make sure the IP address you enter for the printer is not the same as any computer IP address in your network.

7. Repeat steps 5 and 6 to continue entering numbers.
8. Press the **Online** button to bring the printer online.

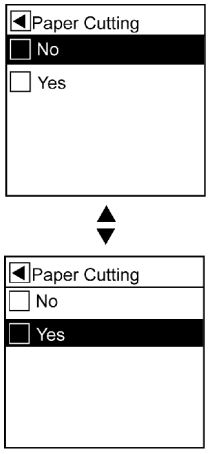
Note

- If a confirmation message is displayed regarding the setting you entered, press the **OK** button. The setting is applied, and the printer goes online.

Executing menu commands

Follow these steps to execute menu commands.

1. Press ▲ or ▼ to select a menu, and then press the ► button.
   Repeat these steps until the desired menu options are displayed.
2. Press ▲ or ▼ to select a setting item to execute, and then press the **OK** button.



After two seconds, the menu command is executed. After commands are executed, in most cases the printer reverts to the state before the menu operation, either online or offline.

Menu Structure

Main Menu

The structure of the main menu is as follows. Values at right indicated by an asterisk "*" are the defaults.
For instructions on menu operations, see "Main Menu Operations". (→P.39)
For details on menu items, see "Main Menu Settings". (→P.55)

First Level	Second Level	Third Level	Fourth Level	Fifth Level
Paper Cutting (*1)	**No** *			
	Yes			
Rep. Ink Tank	**No** *			
	Yes			
Head Cleaning	**Head Cleaning A**			
	Head Cleaning B			
Media Menu	**Manual PaperType**	(The type of paper is displayed here.) (*5)		
	Manual PaperSize	(The size of paper is displayed here.)		
	Roll Media Type (*1)	(The type of paper is displayed here.) (*5)		
	Chk Remain.Roll	**Off** *		
		On		
	Roll Length Set (*1, *2)	**###** **m** (*11)		
		### **feet** (*11)		
Paper Details	(The type of paper is displayed here.) (*5)	**Roll DryingTime**	**Off**	
			30 sec.	
			1 min.	
			3 min.	
			5 min.	
			10 min.	
			30 min.	
			60 min.	
		Scan Wait Time	**Off**	
			1 sec.	
			3 sec.	
			5 sec.	
			7 sec.	

First Level	Second Level	Third Level	Fourth Level	Fifth Level
			9 sec.	
		Feed Priority	**Automatic** *	
			Band Joint	
			Print Length	
		Adjust Length A	From -0.70% to 0.70%	
		Adjust Length B	From -0.70% to 0.70%	
		Head Height	**Automatic** *	
			Highest	
			High	
			Standard	
			Low	
			Lowest	
		Skew Check Lv.	**High Accuracy**	
			Standard *	
			Loose	
			Off	
		VacuumStrngth	**Automatic** *	
			Strongest	
			Strong	
			Standard	
			Weak	
			Weakest	
		NearEnd RollMrgn	**3mm**	
			20mm	
		Cut Speed	**Fast**	
			Standard	
			Slow	
		Trim Edge First	**Automatic**	
			Off	
			On	
		Cutting Mode	**Automatic**	
			Eject	
			Manual	
		Bordless Margin	**Automatic**	

First Level	Second Level	Third Level	Fourth Level	Fifth Level
			Fixed	
		CutDustReduct.	**Off**	
			On	
		NearEnd Sht Mrgn	**3mm**	
			20mm	
		Manual Feed	**Front**	
			Top	
		Return Defaults (*12)	**No**	
			Yes	
Job Management	**Job Queue Ope.**	**Job List**	**Delete**	
			Priority	
	Com. BOX Ope.	**Job List**	**Print**	
			Delete	
		Print Job List	**No**	
			Yes	
	Psnl. BOX Ope.	**Folder List**	**Job List**	**Print**
				Delete
			Print Job List	**No**
				Yes
Adjust Printer	**Auto Head Adj.**	**Standard Adj.**	**No**	
			Yes	
		Advanced Adj.	**No**	
			Yes	
		Auto Print	**Off**	
			On *	
	Manual Head Adj (*9)	**No**		
		Yes		
	Auto Band Adj.	**Standard Adj.**	**No**	
			Yes	
		Advanced Adj.	**No**	
			Yes	
	Manual Band Adj	**No**		
		Yes		
	Adj Far Ed Feed	**No**		

First Level	Second Level	Third Level	Fourth Level	Fifth Level
		Yes		
	Adjust Length (*3)	**A: Standard**	**No**	
			Yes	
		B: Other	**No**	
			Yes	
	Calibration	**Auto Adjust**	**No**	
			Yes	
		Calibration Log	**Date**	
			Paper Type	
		Use Adj. Value	**Disabled**	
			Enabled *	
		Return Defaults	**No**	
			Yes *	
Interface Setup	**EOP Timer**	**10 sec.**		
		30 sec.		
		1 min.		
		2 min.		
		5 min.		
		10 min. *		
		30 min.		
		60 min.		
	TCP/IP	**IP Mode**	**Automatic**	
			Manual *	
		Protocol (*4)	**DHCP**	**On**
				Off *
			BOOTP	**On**
				Off *
			RARP	**On**
				Off *
		IP Setting (*10)	**IP Address**	0.0.0.0 - 255.255.255.255
			Subnet Mask	0.0.0.0 - 255.255.255.255
			Default G/W	0.0.0.0 - 255.255.255.255
	NetWare	**NetWare**	**On**	

First Level	Second Level	Third Level	Fourth Level	Fifth Level
			Off *	
		Frame Type (*6)	**Auto Detect**	
			Ethernet 2	
			Ethernet 802.2 *	
			Ethernet 802.3	
			Ethernet SNAP	
		Print Service (*6)	**BinderyPServer**	
			RPrinter	
			NDSPServer *	
			NPrinter	
	AppleTalk	**On**		
		Off *		
	Ethernet Driver	**Auto Detect**	**On** *	
			Off	
		Comm.Mode (*7)	**Half Duplex** *	
			Full Duplex	
		Ethernet Type (*7)	**10 Base-T** *	
			100 Base-TX	
		Spanning Tree	**Not Use** *	
			Use	
		MAC Address	000085XXXXXX	
	Return Defaults	**No**		
		Yes		
Maintenance	**Repl. maint cart**	**No**		
		Yes		
	Replace P.head	**Printhead L**	**No**	
			Yes	
		Printhead R	**No**	
			Yes	
	Move Printer	**No** *		
		Yes		
	Clean Platen	**No**		
		Yes		
System Setup	**Warning**	**Buzzer**	**Off**	
			On *	

First Level	Second Level	Third Level	Fourth Level	Fifth Level
		Detect Mismatch	Pause	
			Warning	
			None *	
	Keep Media Size	Off *		
		On		
	Paper Size Basis	Sht Selection	ISO A3+ *	
			13"x19"(Super B)	
		Roll Selection 1	ISO A3 (297mm) *	
			300mm Roll	
		Roll Selection 2	10in. (254mm) *	
			JIS B4 (257mm)	
	TrimEdge Reload	Automatic		
		Off *		
		On		
	Noz. Check Freq.	Off		
		1 page		
		10 pages		
		Automatic *		
	Sleep Timer	5 min. *		
		10 min.		
		15 min.		
		20 min.		
		30 min.		
		40 min.		
		50 min.		
		60 min.		
		240 min.		
	Length Unit	meter *		
		feet/inch		
	Time Zone	0:London (GMT)		
		+1:Paris,Rome		
		+2:Athens,Cairo		
		+3:Moscow		
		+4:Eerevan,Baku		
		+5:Islamabad		

First Level	Second Level	Third Level	Fourth Level	Fifth Level
		+6:Dacca		
		+7:Bangkok		
		+8:Hong Kong		
		+9:Tokyo,Seoul		
		+10:Canberra		
		+11NewCaledonia		
		+12:Wellington		
		-12:Eniwetok		
		-11:Midway is.		
		-10Hawaii(AHST)		
		-9:Alaska(AKST)		
		-8:Oregon (PST)		
		-7:Arizona(MST)		
		-6:Texas (CST)		
		-5:NewYork(EST)		
		-4:Santiago		
		-3:Buenos Aires		
		-2:		
		-1:Cape Verde		
	Date Format	yyyy/mm/dd *		
		dd/mm/yyyy		
		mm/dd/yyyy		
	Date & Time	Date	yyyy/mm/dd (*8)	
		Time	hh:mm	
	Language	English *		
		日本語		
		Français		
		Italiano		
		Deutsch		
		Español		
		Русский		

First Level	Second Level	Third Level	Fourth Level	Fifth Level
		中文（简体字）		
		한국어		
	Contrast Adj.	-4, -3, -2, -1, 0*, +1, +2, +3, +4		
	Reset PaprSetngs	**No**		
		Yes		
	Erase HDD Data	**High Speed**	**No**	
			Yes	
		Secure High Spd.	**No**	
			Yes	
		Secure	**No**	
			Yes	
	Output Method	**Print** *		
		Print (Auto Del)		
		Save: Box		
	Save and Print	**Off** *		
		On		
	Save: Shared Box	**Off**		
		On *		
Test Print	**Status Print**	**No**		
		Yes		
	Media Details	**No**		
		Yes		
	Print Job Log	**No**		
		Yes		
	Menu Map	**No**		
		Yes		
	Nozzle Check	**No**		
		Yes		
Information	**System Info**			
	Error Log	**########-####**		
	Job Log	(Choose from information about the latest three print jobs.)	**Document Name**	

First Level	Second Level	Third Level	Fourth Level	Fifth Level
			User Name	
			Page Count	
			Job Status	
			Print Start Time	**yyyy/mm/dd hh:mm**
			Print End Time	**yyyy/mm/dd hh:mm**
			Print Time	**sec.**
			Print Size	**xxxxxxxxsq.mm**
			Media Type	
			Interface	
			Ink Consumed	**xx.x ml**
	HDD Information	**HDDSpace**		

*1: Available only if a roll is loaded.
*2: Available only if **Chk Remain.Roll** is **On**.
*3: Available if **Feed Priority** is **Automatic** or **Print Length**.
*4: Not displayed if **IP Mode** is **Manual**.
*5: For information on the types of paper the printer supports, refer to the Paper Reference Guide. (→P.104) The paper type setting in the printer driver and related software (as well as on the Control Panel) is updated when you install the printer driver from the User Software CD-ROM or if you change paper information by using the Media Configuration Tool. See the Media Configuration Tool Guide (Windows) or Media Configuration Tool Guide (Macintosh).
*6: Not displayed if **NetWare** is **Off**.
*7: Not displayed if **Auto Detect** is **On**.
*8: Follows the setting in **Date Format**.
*9: Available after you have used **Advanced Adj.** in **Auto Head Adj.** once.
*10: Not displayed if **IP Mode** is **Automatic**.
*11: Follows the setting in **Length Unit**.
*12: Select **Yes** to restore **Paper Details** to the factory default values. Any paper type settings you have changed on the Control Panel of the printer are restored to the original values when you install the printer driver from the User Software CD-ROM or if you update paper information by using the Media Configuration Tool.

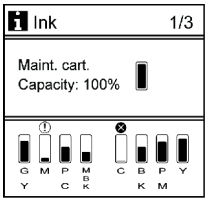

Caution

- Only the following menus are displayed during printing.
  - Menu Durng Prtng
    Choose this menu to display **Head Cleaning**, **Fine Band Adj.**, and **Information**.
  - Job Mgmt Menu
    Choose this menu to display **Job Management**.

Submenus

Each time you press the **Information** button on the Control Panel, printer information is displayed in the following order.

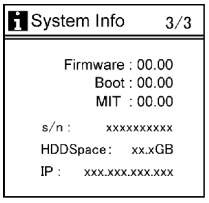
■The remaining Maintenance Cartridge capacity and ink levels



■Information on the loaded paper



■Printer information



For details on submenu screens, see “Submenu Display”. (→P.69)

Main menu during printing

The structure of the main menu during printing is as follows.
For instructions on menu operations, see “Main Menu Operations”. (→P.39)
For details on menu items available during printing, see “Main Menu Settings (During Printing)”. (→P.66)

First Level	Second Level	Third Level	Fourth Level	Fifth Level	Sixth Level	Seventh Level
Menu Durng Prtng	**Head Cleaning**	**Head Cleaning A**				
		Head Cleaning B				
	Fine Band Adj. (*1)	From -5 to 5				
	Information	**System Info**				
		Error Log	**########-####**			
		Job Log	(Choose from information about the latest three print jobs.)	**Document Name**		
				User Name		
				Page Count		
				Job Status		
				Print Start Time		
				Print End Time		
				Print Time		
				Print Size		
				Media Type		
				Interface		
				Ink Consumed		
		HDD Information	**HDDSpace**			
Job Mgmt Menu	**Job Queue Ope.**	**Job List**	**Delete**			
			Priority			
	Com. BOX Ope.	**Job List**	**Print**			
			Delete			
		Print Job List	**No**			
			Yes			

First Level	Second Level	Third Level	Fourth Level	Fifth Level	Sixth Level	Seventh Level
	Psnl. BOX Ope.	**Folder List**	**Job List**	**Print**		
				Delete		
			Print Job List	**No**		
				Yes		

*1: Available if **Feed Priority** is **Automatic** or **Band Joint**.

Main Menu Settings

Main menu items are described in the following tables.
For instructions on selecting or setting menu items, see “Main Menu Operations”. (→P.39)
For details on menu levels and values, see “Menu Structure”. (→P.43)

Setting Item	Description, Instructions
Paper Cutting	This command is available only if a roll is loaded. Choose **Yes** to cut the roll at the current position. If the roll is not already at the cut position, the roll will be automatically advanced to that position and then cut.
Rep. Ink Tank	When replacing the Ink Tank, choose **Yes** and follow the instructions on the screen. (→P.615)
Head Cleaning	Printhead cleaning options. (→P.625) Choose **Head Cleaning A** if printing is faint, oddly colored, or contains foreign substances. Choose **Head Cleaning B** if no ink is printed at all, or if printing is not improved by **Head Cleaning A**.
Media Menu	Specify the type and size of paper. (→P.56)
Paper Details	Specify detailed paper-related settings, including the ink drying time and borderless printing options. (→P.57)
Job Management	Manage print jobs on the printer’s hard disk. (→P.59)
Adjust Printer	Adjust the Printhead alignment or amount of feed by printing a test pattern. (→P.60)
Interface Setup	Configure the EOP timer and network settings. (→P.61)
Maintenance	Access maintenance settings when replacing the Printhead or preparing to move the printer. (→P.62)
System Setup	Specify the printer system settings, including the date format and display language. (→P.63)
Test Print	Choose **Status Print** to print information about the printer. Choose **Media Details** to print the paper settings as specified in **Paper Details**. Choose **Print Job Log** to print a record of print jobs, including the paper type and size, amount of ink used, and so on. (Information on ink consumption is general, not specific in nature.) Choose **Menu Map** to print a list of the main menu options. Choose **Nozzle Check** to print a test pattern for checking the nozzles.
Information	Displays the information about the printer and history of print jobs. (→P.65)

Media Menu

Setting Item	Description, Instructions
Manual PaperType (*1)	Choose the type of sheets to be loaded manually. (→P.146)
Manual PaperSize (*1)	Choose the size of sheets to be loaded manually. (→P.147)
Roll Media Type (*1)	Choose the size of the roll. (→P.113)
Chk Remain.Roll	Choose **On** to print a barcode at the end of a roll before you remove it. The printed barcode can be used in managing the amount of roll paper left. Choose **Off** if you prefer not to print the barcode.
Roll Length Set	Displayed if **Chk Remain.Roll** is **On**. If a barcode is not printed on rolls, specify the roll length. The roll length is displayed in meters or feet, depending on the setting in **Length Unit**.

*1: For information on the types of paper the printer supports, refer to the Paper Reference Guide. (→P.104) The type of paper indicated in the printer driver and related software (as well as on the Control Panel) is updated when you install the printer driver from the User Software CD-ROM or if you update paper information by using the Media Configuration Tool. See Media Configuration Tool Guide (Windows) or Media Configuration Tool Guide (Macintosh).

Paper Details

Setting Item		Description, Instructions
(The type of paper is displayed here.)(*1)	**Roll DryingTime**	Specify the time to wait for the ink to dry for each sheet.
	Scan Wait Time	Specify the time to wait for the ink to dry between each scan in bidirectional printing, in consideration of how quickly the ink dries. Note that printing will take longer if you specify a wait time.
	Feed Priority	Specify exact paper feeding, if desired. Normally, select **Automatic**. Choose **Print Length** if you prefer to feed the paper an exact amount. However, note that choosing **Print Length** may result in slight banding in the direction of Carriage scanning.
	Adjust Length A **Adjust Length B**	Displayed if **Feed Priority** is **Print Length**. Adjustment relative to the amount of stretching or shrinkage of the current paper. Enter either the adjustment results from **Print Pattern** or the discrepancy that you measured (as a percentage). For paper that tends to stretch, increase the feed amount by choosing a higher adjustment value. For paper that tends to shrink, decrease the feed amount by choosing a lower adjustment value.
	Head Height	Adjust the Printhead height. (→P.575)
	Skew Check Lv.	If you print on Japanese paper (washi) or other handmade paper that has an irregular width, choose **Loose** for a higher skew detection threshold, or choose **Off** to disable skew detection. However, if paper is loaded askew when detection is **Off**, note that paper jams or Platen soiling may occur.
	VacuumStrngth	Specify the level of suction that holds paper against the Platen. (→P.587)
	NearEnd RollMrgn	Specify the minimum margin at the leading edge of roll paper to ensure better printing quality at the leading edge. Note that if you choose **3mm**, it may lower the printing quality at the leading edge and affect feeding accuracy. The printed surface may be scratched, and ink may adhere to the leading edge. It may also cause the Platen to become soiled.
	Cut Speed	Choose the cutting speed. If you use adhesive paper, choosing **Slow** helps prevent adhesive from sticking to the cutter and keeps the cutter sharp.
	Trim Edge First	If a roll is loaded, the end of the paper will be cut. Choose **On** to have 40 mm (1.6 in) cut off the leading edge of the roll after you load the roll. Scraps are then removed. When **Automatic** is selected, if the left and right side of the leading edge of the roll are uneven (by 3 mm [0.12 in] or more), the edge is cut an amount relative to the slant to ensure a straight edge after you load the roll. Scraps are then removed. If the unevenness is less than 3 mm or if **Off** is selected, the edge is not cut and scraps are not removed.

Setting Item		Description, Instructions
(The type of paper is displayed here.)(*1)	**Cutting Mode**	Specify whether or not to cut with the standard round-bladed cutter. Choose **Automatic** to have the roll cut automatically after printing. If you choose **Eject**, the paper is cut after you hold down the **Stop** button for a second or more. If you choose **Manual**, the paper will not be cut after printing. Instead, a line will be printed at the cut position.
	Bordless Margin	Adjust the margin during borderless printing. Choose **Automatic** to have the printer automatically detect the paper width and configure the margin settings for borderless printing. If margins are mistakenly created when **Automatic** is selected, choose **Fixed**. In this case, the paper width is not detected automatically, and the document is printed without borders, using the margin settings required by the printer.
	CutDustReduct.	Choose **On** to reduce the amount of debris generated when cutting film and similar media by printing a line at the cut position. This option reduces the amount of debris given off after cutting. It also helps prevent adhesive from sticking to the cutter and keeps the cutter sharp if you use adhesive paper. (→P.138)
	NearEnd Sht Mrgn	Specify a margin at the leading edge of sheets to ensure better printing quality at the leading edge. Note that if you choose **3mm**, it may lower the printing quality at the leading edge and affect feeding accuracy. The printed surface may be scratched, and ink may adhere to the leading edge.
	Manual Feed	When printing manually, choose the Paper Feed Slot. Normally, choose **Top**. For heavyweight paper such as POP Board, choose **Front**.
	Return Defaults	Choose **Yes** to restore **Paper Details** to the default values.

*1: For information on the types of paper the printer supports, refer to the Paper Reference Guide. (→P.104) The type of paper indicated in the printer driver and related software (as well as on the Control Panel) is updated when you install the printer driver from the User Software CD-ROM or if you update paper information by using the Media Configuration Tool.

Job Management

Setting Item					Description, Instructions
Job Queue Ope.	**Job List**	(Choose a print job)	**Delete**		Delete the current job or queued jobs. (→P.516)
			Priority		Print the job first after the current print job is finished. (→P.516)
Com. BOX Ope.	**Job List**	(Choose a print job)	**Print**		Print jobs in the Common Box.
			Delete		Delete jobs in the Common Box.
	Print Job List				Print a list of jobs in the Common Box.
Psnl. BOX Ope.	**Folder List**	(Enter a password if one has been set.)	**Job List**	**Print**	Print jobs in Personal Boxes.
				Delete	Delete jobs in Personal Boxes.
			Print Job List		Print a list of jobs in Personal Boxes.

Adjust Printer

Setting Item		Description, Instructions
Auto Head Adj.	**Standard Adj.**	Choose **Yes** to have the printer print and read a test pattern for the automatic adjustment of Printhead alignment relative to the printing direction. (→P.571)
	Advanced Adj.	Choose **Yes** to have the printer print and read a test pattern for the automatic adjustment of Printhead alignment relative to spaces between nozzles and colors and the printing direction. (→P.571)
	Auto Print	Choose **On** to have the printer automatically execute the **Advanced Adj.** operations after you replace the Printhead. (→P.571)
Manual Head Adj		Choose **Yes** to print a test pattern for adjustment of Printhead alignment relative to the printing direction. Enter the adjustment value manually based on the resulting pattern. (→P.573)
Auto Band Adj.	**Standard Adj.**	Choose **Yes** to have the printer print and read a band adjustment test pattern for automatic adjustment of the feed amount. (→P.578)
	Advanced Adj.	Choose this option when using paper other than genuine Canon paper, or paper for purposes other than checking output. Choose **Yes** to have the printer print and read a band adjustment test pattern for automatic adjustment of the feed amount. Note that this function takes more time and requires more ink than **Standard Adj.**. (→P.578)
Manual Band Adj		Choose **Yes** to print a test pattern for adjusting the feed amount based on the paper type.
Adj Far Ed Feed		Choose **Yes** for adjustment of the feed amount of the trailing edge.
Adjust Length	**A: Standard** **B: Other**	Prints a test pattern for particular types of paper to compensate for paper stretching or shrinkage, after which you can enter the amount of adjustment. (→P.583)
Calibration	**Auto Adjust**	Choose **Yes** for automatic adjustment of the adjustment value after a test pattern for color calibration is printed. The latest color calibration adjustment value is applied for all paper.
	Calibration Log	The date of color calibration and the type of paper used is indicated on the Display Screen.
	Use Adj. Value	Choose **Disabled** and press the **OK** button to print without applying the color calibration adjustment value. The printer driver settings are given priority. Select **Enabled** and press the **OK** button to apply the color calibration adjustment value in printing. However, the printer driver settings will be given priority.
	Return Defaults	Clears the color calibration adjustment value and log.

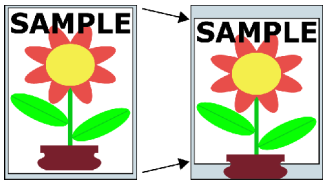
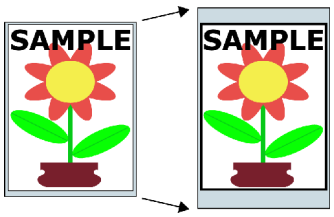
Interface Setup

Setting Item			Description, Instructions
EOP Timer			Specify the timeout period before cancellation of print jobs that cannot be received by the printer.
TCP/IP	**IP Mode**		Choose whether the printer IP address is configured automatically or a static IP address is entered manually.
	Protocol	**DHCP**	Specify the protocol used to configure the IP address automatically.
		BOOTP	
		RARP	
	IP Setting	**IP Address**	Specify the printer network information when using a static IP address. Enter the IP address assigned to the printer, as well as the network subnet mask and default gateway.
		Subnet Mask	
		Default G/W	
NetWare	**NetWare**		Specify the NetWare protocol. To apply your changes, choose **Register Setting**.
	Frame Type		Specify the frame type to use.
	Print Service		Choose the print service.
AppleTalk			Specify whether to use the AppleTalk protocol. To apply your changes, choose **Register Setting**.
Ethernet Driver	**Auto Detect**		Specify the communication method. To apply your changes, choose **Register Setting**. Choose **On** for automatic configuration of the LAN communication protocol. Choose **Off** to apply **Comm.Mode** and **Ethernet Type** settings.
	Comm.Mode		Choose the LAN communication method.
	Ethernet Type		Choose the LAN transfer rate.
	Spanning Tree		Choose whether spanning-tree packets are supported over the LAN.
	MAC Address		Displays the MAC address.
Return Defaults			**Execute?** is displayed if you press the ▼ button. Choose **OK** to restore the network settings to the default values.

Maintenance

Setting Item	Description, Instructions
Repl. maint cart	When replacing the Maintenance Cartridge, choose **Yes** and follow the instructions on the screen. (→P.633)
Replace P.head	Not displayed during a warning message that the remaining Maintenance Cartridge capacity is low. When replacing the Printhead, choose **Yes** and follow the instructions on the screen. (→P.626)
Move Printer	When transferring the printer to another location, follow the instructions on the screen. (→P.646)
Clean Platen	After you select **Yes**, the Carriage is moved and the printer is ready for Platen cleaning.

System Setup

Setting Item		Description, Instructions
Warning	**Buzzer**	Set the buzzer. Choose **On** for the buzzer to sound once for warnings and three times for errors.
	Detect Mismatch	Choose **Warning** for notification (display of a warning message) during printing if the type of paper specified in the printer menu does not match the type in the printer driver. Choose **None** to continue to print without notification. Choose **Pause** to have printing paused under these circumstances. In this case, you can continue printing by pressing the **Online** button.
Keep Media Size		Choose **On** to use the paper size setting as the basis for printing instead of other settings. The margin setting of the printer menu will be used instead of the margin setting of the printer driver if the latter is smaller, which may prevent text or images in the trailing margin from being printed.  Choose **Off** to use the printer driver settings instead. Even if the margin setting of the printer driver is smaller than that of the printer menu, text or images will not be cut off. However, this requires longer paper because the actual margin will be equal to the margin setting of the printer driver plus the margin setting of the printer menu. 
Paper Size Basis	**Sht Selection**	If sheet size detection is activated, choose whether **ISO A3+** or **13"x19"(Super B)** is applied when an intermediate size is detected.
	Roll Selection 1	If roll size detection is activated, choose whether **ISO A3 (297mm)** or **300mm Roll** is applied when a roll of an intermediate width is detected.
	Roll Selection 2	If roll size detection is activated, choose whether **10in. (254mm)** or **JIS B4 (257mm)** is applied when a roll of an intermediate width is detected.
TrimEdge Reload		When **Automatic** is selected, the leading edge will be cut as needed, taking into account how long the paper has been loaded without being printed. (However, it is not cut if **Cutting Mode** is set to **Manual**.) Choose **On** to cut the leading edge.
Noz. Check Freq.		Specify the timing for automatic checks of nozzle clogging. Choose **1 page** to check once per printed page. Choose **10 pages** to check once per ten printed pages. Choose **Automatic** to have the printer automatically adjust the timing for checks based on the frequency of nozzle use.

Setting Item		Description, Instructions
Sleep Timer		Specify the period before the printer enters sleep mode.
Length Unit		Choose the unit of measurement when roll length is displayed. You can switch the unit displayed for **Roll Length Set** and the remaining paper amount displayed in the submenu.
Time Zone		Specify the time zone. Time zone options indicate a main city in this time zone and the difference from Greenwich Mean Time.
Date Format		Specify the date format.
Date & Time	**Date**	Set the current date.
	Time	Set the current time.
Language		Specify the language used on the Display Screen.
Contrast Adj.		Adjust the Display Screen contrast level.
Reset PaprSetngs		Restores settings that you have changed with Media Configuration Tool to the default values. If paper added using the Media Configuration Tool was used for color calibration, such color calibration can no longer be applied to any type of paper.
Erase HDD Data	**High Speed**	Erases file management data for print job data stored on the printer's hard disk. (→P.569)
	Secure High Spd.	Overwrites the entire hard disk with random data. (→P.569)
	Secure	Overwrites the entire hard disk with 00, FF, and random data (one time each). Verification is performed to check if the data was correctly written. (→P.569)
Output Method	**Print**	After printing, print jobs are saved in the common box.
	Print (Auto Del)	After printing, print jobs are deleted from the common box.
	Save: Box	Print jobs are saved in the specified personal box.
Save and Print		Select **On** to print the job after it has been saved.
Save: Shared Box		Selecting **Off** will delete jobs from the common box after printing.

Information

Setting Item			Description, Instructions
System Info	**Version**	**Firm**	Displays the printer firmware version.
		Boot	Displays the version of the boot ROM.
		MIT	Displays the version of the MIT database format.
	s/n		Displays the printer's serial number.
	MAC		Displays the MAC address of the printer.
	IP		Displays the printer's IP address.
Error Log	**########-####**		Displays the most recent error messages (up to two).
Job Log	(Choose from information about the last three print jobs.)	**Document Name**	Displays the document name in the last print job.
		User Name	Displays the name of the user who sent the print job.
		Page Count	Displays the number of pages in the print job.
		Job Status	Displays the results of the print job processed.
		Print Start Time	Displays the time when the print job was started.
		Print End Time	Displays the time when the print job was finished.
		Print Time	Displays the time required to print the job.
		Print Size	Displays the paper size in the print job.
		Media Type	Displays the paper type in the print job.
		Interface	Displays the interface used for the print job.
		Ink Consumed	Displays the ink consumption.
HDD Information	**HDDSpace**		Displays the space available on the printer's hard disk.

Main Menu Settings (During Printing)

Main menu items during printing are described in the following tables.
For instructions on selecting or setting menu items, see “Main Menu Operations”. (→P.39)
For details on menu levels and values, see “Menu Structure”. (→P.43)

Setting Item		Description, Instructions
Menu Durng Prtng	**Head Cleaning**	Printhead cleaning options. (→P.625) Choose **Head Cleaning A** if printing is faint, oddly colored, or contains foreign substances. Choose **Head Cleaning B** if no ink is printed at all, or if printing is not improved by **Head Cleaning A**.
	Fine Band Adj.	Fine-tune the feed amount manually.
	Information	Displays the information about the printer and history of print jobs. (→P.67)
Job Mgmt Menu		Manage print jobs on the printer’s hard disk. (→P.68)

Information

Setting Item			Description, Instructions
System Info	**Version**	**Firm**	Displays the version of the printer and firmware.
		Boot	Displays the version of the boot ROM.
		MIT	Displays the version of the MIT database format.
	Ext I/F		Displays the name of interfaces compatible with the expansion slot.
	s/n		Displays the printer's serial number.
	MAC		Displays the MAC address.
	HDDSpace		Displays the space available on the printer's hard disk.
Error Log	**########-####**		Displays the most recent error messages (up to two).
Job Log	(Choose from information about the latest three print jobs.)	**Document Name**	Displays the document name in the last print job.
		User Name	Displays the name of the user who sent the print job.
		Page Count	Displays the number of pages in the print job.
		Job Status	Displays the results of the print job processed.
		Print Start Time	Displays the time when the print job was started.
		Print End Time	Displays the time when the print job was finished.
		Print Time	Displays the time required to print the job.
		Print Size	Displays the paper size in the print job.
		Media Type	Displays the paper type in the print job.
		Interface	Displays the interface used for the print job.
		Ink Consumed	Displays the ink consumption.
HDD Information	**HDDSpace**		Displays the space available on the printer's hard disk.

Job Mgmt Menu

Setting Item					Description, Instructions
Job Queue Ope.	**Job List**	(Choose a print job)	**Priority**		Print the job first after the current print job is finished. (→P.516)
			Delete		Delete the current job or queued jobs. (→P.516)
Com. BOX Ope.	**Job List**	(Choose a print job)	**Print**		Print jobs in the Common Box.
			Delete		Delete jobs in the Common Box.
	Print Job List				Print a list of jobs in the Common Box.
Psnl. BOX Ope.	**Folder List**	(Enter a password if one has been set.)	**Job List**	**Print**	Print jobs in Personal Boxes.
				Delete	Delete jobs in Personal Boxes.
			Print Job List		Print a list of jobs in Personal Boxes.

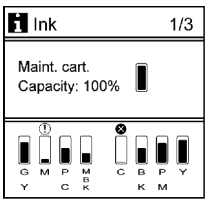
Submenu Display

Pressing the **Information** button switches the information displayed between **Ink**, **Media Info**, and **System Info**.
Each time you press the **Information** button, the following submenus are displayed.

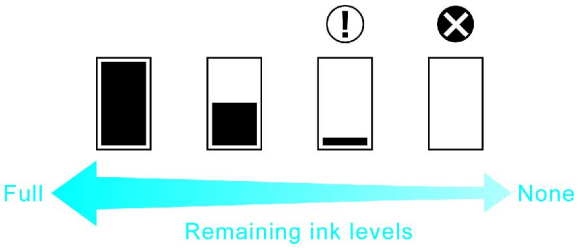
Note

- Press any button other than the **Information** button to restore the previous mode.
- After you display a submenu, the printer will revert to the previous mode in about five seconds if no print job is received or if you do not operate the printer.

Remaining Maintenance Cartridge capacity and ink levels



The remaining Maintenance Cartridge capacity is shown on the top level of the Display Screen.
The remaining level of each ink is shown on the bottom level of the Display Screen. Ink levels shown on the Display Screen correspond to the inks identified by the color labels on the bottom of the Display Screen.
These symbols may be displayed above the ink level: “!” if ink is low, “×” if no ink is left, and “?” if you have deactivated ink level detection.
Remaining ink is indicated as follows.



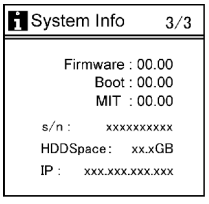
Information on the loaded paper

Here, the paper size, type, and related printer settings are displayed.



Printer information

Displays the firmware version, serial number, IP address, and hard disk capacity.

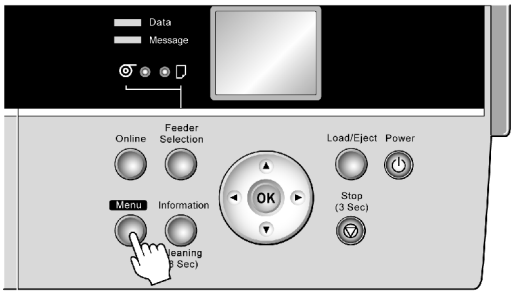


Status Print

You can print a **Status Print** report indicating the current status of the printer.
With **Status Print**, information is printed regarding the printer firmware version, various settings, and the utilization level of consumables.

Printing Status Print Reports

1. Load paper.
   If using sheets, load paper A4/Letter-sized. You will need at least four sheets.
2. Press the **Menu** button to display **MAIN MENU**.



3. Press ▲ or ▼ to select **Test Print**, and then press the ► button.
4. Press ▲ or ▼ to select **Status Print**, and then press the ► button.
5. Press ▲ or ▼ to select **Yes**, and then press the **OK** button.

Checking the information in the Status Print report

The following information is included in the **Status Print** report.

Canon imagePROGRAF iPFxxxx Status Print	Printer model

Firm	Firmware version
Boot	Boot version
MIT(DBF)	MIT DB format version
MIT(DB)	MIT Database version
S/N	Printer serial number
MC	Maintenance Cartridge capacity (%)
PC, C, PM, Y, GY, MBK, BK, M	Ink levels. The remaining ink is displayed in a five-level scale.

Media Menu				Information on the loaded paper.
	Manual Paper Type			
	Roll Media Type			
	Check Remain. Roll			

Adjust Printer				Current printer settings.
	Head Adjust			Printhead adjustment value.
		Auto Print		
		A1-F2		
	Feed Priority			Settings related to paper feeding.
	Adjust Length			
	Calibration			The color calibration setting value.
		Execution Log		The calibration log.
			Date	Indicates the date calibration was performed and the type of paper used.
			Media	
		Use Adj. Value		This value indicates whether the results of color calibration are used or not.

Interface Setup				Current network settings.
	EOP Timer			Sets the elapsed time between receiving last data and canceling printing.
	TCP/IP			Settings related to **TCP/IP**.
		IP Mode		
		Protocol		
			DHCP	
			BOOTP	
			RARP	
		IP Setting		**IP Setting** values.
			IP Address	
			Subnet Mask	
			Default G/W	
	NetWare			**NetWare** settings.
		NetWare		
		Frame Type		
		Print Service		
	AppleTalk			Values that specify whether **AppleTalk** is active or not.
	Ethernet Driver			**Ethernet Driver** settings.
		Auto Detect		
		Comm.Mode		
		Ethernet Type		
		Spanning Tree		
		MAC Address		

System Setup			
	Warning		Current warning and error settings.
		Buzzer	
		Detect mismatch	
	Keep Media Size		Current paper-related settings.
	Sheet Selection		
	Roll Selection 1		
	Roll Selection 2		
	TrimEdge Reload		
	Noz. Check Freq.		Nozzle-check settings.
	Sleep Timer		General printer settings.
	Length Unit		
	Time Zone		
	Date Format		
	Language		
	Contrast Adj.		
	Output Method		
	Save beforePrint		
	Save in Comm.Box		

Information		System information and an error log.
	RAM	
	Error Log	
	HDDSpace	

Network (RemoteUI)		Current network settings used by RemoteUI.
TCP/IP		
	Frame Type	
	Use DHCP	
	Use BOOTP	
	Use RARP	
	Enable DNS Dynamic Update	
	Use Zeroconf Function	
	IP Address*	
	Subnet Mask*	
	Gateway Address*	
	LPD Printing	
	IPP Printing	
	IPP Printer URI	
	RAW Printing	
	Raw Port Number	
	Raw Mode Bi-direction	
	FTP Printing	
	Primary DNS Server Address*	
	Secondary DNS Server Address*	
	DNS Host Name*	
	DNS Domain Name*	
	SMTP Server Address*	
	Multicast DNS Service Name	

*: Blank if the status has been saved by using Status Monitor.

NetWare		Current **NetWare** settings.
	Frame Type	
	IPX External Network Number*	
	Node Number*	
	Print Service	

*: Depending on the NetWare print service settings, information on one of the following four items is printed.

	Bindery PServer		Values set when **NetWare** > **Print Service** > **Bindery PServer** is selected.
		File Server Name*	
		Print Server Name*	
		Print Server Password*	
		Polling Interval	
	RPrinter		Values set when **NetWare** > **Print Service** > **RPrinter** is selected.
		Print Server Name*	
		Printer Number*	
	NDS PServer		Values set when **NetWare** > **Print Service** > **NDS PServer** is selected.
		Tree Name*	
		Context name*	
		Print Server Name*	
		Print Server Password*	
		Polling Interval	
	NPrinter		Values set when **NetWare** > **Print Service** > **NPrinter** is selected.
		Print Server Name*	
		Printer Number*	

*: Blank if the status has been saved by using Status Monitor.

AppleTalk		Current **AppleTalk** settings.
	Phase Type	
	Name*	
	Network Number*	
	Zone*	

*: Blank if the status has been saved by using Status Monitor.

HEAD LOT NUMBER		Printhead lot number.
	LOT R	
	LOT L	

PARTS STATUS		Utilization status of replacement parts that require servicing.
	COUNTER A-I	

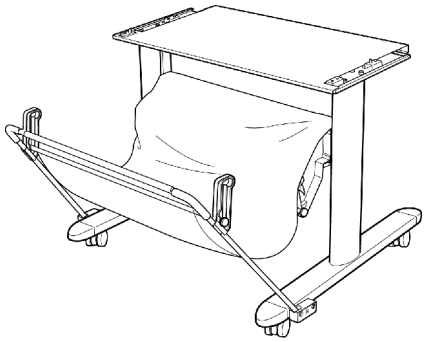
COUNTER			Utilization status of the cutter, media, and other items (indicating how much they have been used).
	CUTTER		
	MEDIA		
	MEDIA1-7		
		LIFE TTL	
		LIFE ROLL	
		LIFE CUTSHEET	
	PRINTER		
		AFTER INSTALLATION	

Optional accessories

Stand

The printer can be mounted on the following Stand.

- Printer Stand ST-25



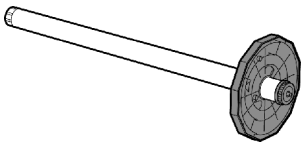
Note

- For details on assembling the Stand, refer to the instructions provided with the Stand.

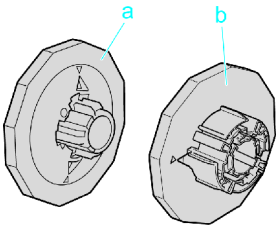
Roll Holder Set

A set of parts including a Roll Holder, Holder Stopper (for 2- and 3-inch paper cores), 3-Inch Paper Core Attachment, and Spacer for Borderless Printing (used for both 2- and 3-inch paper cores).
To load a roll with a 3-inch paper core, insert the 3-Inch Paper Core Attachment on the Roll Holder and attach the Holder Stopper for 3-inch paper cores. If you use an A1 (594 mm [23.4 in]) roll or A2 (420 mm [16.5 in]) roll for borderless printing, insert the Spacer for Borderless Printing on the Roll Holder.

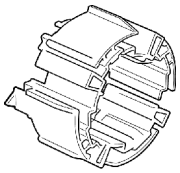
- Roll Holder Set RH2-24
  - Roll Holder



  - Holder Stopper (for 2- and 3-inch paper cores (a) and (b))



  - 3-Inch Paper Core Attachment



  - Spacer for Borderless Printing



For instructions on installing these parts, see “Attaching Accessories to the Roll Holder”. (→P.140)

Printer Specifications

Specifications

Important

- This information is subject to change as the printer is updated.
- The following values may vary depending on the operating environment.

Printer

Power supply		100-120 V AC (50/60 Hz), 220-240 V AC (50/60 Hz)
Power consumption	In operation	100 W max.
	Sleep mode	100-120 V: 5 W max. 220-240 V: 6 W max.
	Off	1 W max. (*1)
Operating noise		Approx. 49 dB (A) max.
Operating environment	Temperature	15-30°C (59-86°F)
	Humidity	10-80%, non-condensing
Dimensions (W × D × H)	Printer only	1,177×670×344 mm (46.3 × 26.4 × 13.5 in)
	With stand	1,177×870×991 mm (46.3 × 34.3× 39.0 in)
Weight (not including the Printhead and Ink Tank)	Printer only	Approx. 51 kg (112.4 lb) (*2)
	With stand	Approx. 66 kg (145.5 lb) (*2)
Space required for installation (*3)	Printer only	1,477×1,770×644 mm (58.1 × 80.7 × 25.4 in)
	With stand	1,477×1,970×1,291 mm (58.1 × 80.7 × 50.8 in)
Applicable standards		International Energy Star Program, Law on Promoting Green Purchasing, GPN, RoHS, The Eco Declaration, WEEE, U.S. presidential directives

*1: The printer uses a trace amount of power even when turned off. To stop all power consumption, turn off the printer and unplug the power cord.

*2: Weight does not include consumables.

*3: Normally, you will need to ensure an unobstructed space of 800 mm (31.5 in) in front of the printer, 300 mm (11.8 in) behind, 150 mm (5.9 in) on both sides, and 300 mm (11.8 in) above the printer. Only when printing from the Front Paper Feed Slot, leave 1,300 mm (51.2 in) of unobstructed space in front of the printer and 700 mm (27.6 in) behind it.

Printing performance

Print method	Bubblejet
Maximum resolution	2400 dpi horizontally (*1) × 1200 dpi vertically
Printhead	PF-03
Number of nozzles	2,560 per color

*1: Prints with a minimum 1/2400 inch dot pitch between ink droplets.

Interface

Expansion Board Slots		1
USB 2.0 (*1)	Format	Internal port
	Mode	Full-speed (12 Mbps), high-speed (480 Mbps), bulk transfer
	Connector	Series B (4-pin)
Ethernet	Format	Internal port
	Specification	IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX /Auto-Negotiation, and IEEE 802.3x Full Duplex
	Protocols	IPX/SPX (Netware 4.2, 5.1, 6.0), SNMP, HTTP, TCP/IP, AppleTalk

*1: Use in USB 2.0 High Speed mode requires the following environment:

- Computer: USB 2.0 High-Speed-compatible
- Operating system: Windows Vista/Windows Server 2003/Windows XP/Windows 2000 or Mac OS X ver. 10.3.3 or later
- USB 2.0 driver: Microsoft USB 2.0 driver (available from Windows Update or the Service Pack.)
- USB cable: Certified USB 2.0 cable

Ink

Ink Tank	Y Ink Tank (Yellow Ink)	Pigment ink	PFI-101Y (user-replaceable)
	PC Ink Tank (Photo Cyan Ink)	Pigment ink	PFI-101PC (user-replaceable)
	C Ink Tank (Cyan Ink)	Pigment ink	PFI-101C (user-replaceable)
	GY Ink Tank (Gray Ink)	Pigment ink	PFI-101GY (user-replaceable)
	BK Ink Tank (Black Ink)	Pigment ink	PFI-101BK (user-replaceable)
	PM Ink Tank (Photo Magenta Ink)	Pigment ink	PFI-101PM (user-replaceable)
	M Ink Tank (Magenta Ink)	Pigment ink	PFI-101M (user-replaceable)
	MBK Ink Tank (Matte Black Ink)	Pigment ink	PFI-101MBK (user-replaceable)
Capacity			130 ml (4.4 fl oz) per color (*1)

*1: The provided Starter Ink Tanks contain 90 ml (3.0 fl oz) each.

Paper (*1)

Paper width			203-610 mm (8.0-24 in)
Maximum length per page	Sheets	Tray (top)	1,600 mm (63.0 in)
		Tray (front)	914 mm (36.0 in)
	Rolls		18 m (19.7 yd.)
Thickness	Sheets	Tray (top)	0.07-0.8 mm (0.003-0.031 in)
		Tray (front)	0.5-1.5 mm (0.020-0.060 in)
	Rolls		0.07-0.8 mm (0.003-0.031 in)
Paper size	Sheets	Supported sizes	**ISO A1**, **ISO A2**, **ISO A2+**, **ISO A3**, **ISO A3+**, **ISO A4**, **ISO B2**, **ISO B3**, **ISO B4**, **JIS B2**, **JIS B3**, **JIS B4**, **22"x34"(ANSI D)**, **17"x22"(ANSI C)**, **11"x17" (Ledger)**, **13"x19" (Super B)**, **Letter (8.5"x11")**, **Legal (8.5"x14")**, **24"x36" (ARCH D)**, **18"x24" (ARCH C)**, **12"x18" (ARCH B)**, **9"x12" (ARCH A)**, **DIN C2**, **DIN C3**, **DIN C4**, **20"x24"**, **18"x22"**, **14"x17"**, **12"x16"**, **10"x12"**, **10"x15"**, **US Photo 16"x20"**, **Poster 20"x30"**, **13"x22"**, **Poster 300x900mm**
		Tray (top)	• Width: 203-610 mm (8-24 in) • Length: 279-1,600 mm (11-63 in)
		Tray (front)	• Width: 250-610 mm (8-24 in) • Length: 350-914 mm (14-36 in)
	Rolls		**24-in. Roll (609.6mm)**, **ISO A1/A2 Roll (594.0mm)**, **JIS B2/B3 Roll (515.0mm)**, **17-in. Roll (431.8mm)**, **ISO A2/A3 Roll (420.0mm)**, **16-in. Roll (406.4mm)**, **14-in. Roll (355.6mm)**, **A3+ Roll (329.0mm)**, **300mm Roll (300.0mm)**, **ISO A3/A4 Roll (297.0mm)**, **JIS B4 Roll (257.0mm)**, **10-in. Roll (254.0mm)**, **8-in. Roll (203.2mm)**
Print area	Normal size		Printable area • Sheets (Top Paper Feed Slot) Top: 3 mm (0.12 in); bottom: 3 or 23 mm (0.9 in); left and right sides: 3 mm. (The bottom value varies depending on the type of paper.) • Sheets (Front Paper Feed Slot) 3 mm (0.12 in) on top, 23 mm (0.9 in) on bottom, and 3 mm (0.12 in) on both sides • Rolls 3 mm (0.12 in) from each side For information on the recommended print area, see “Print Area”. (→P.84)
	Borderless printing (*2)		Printable area (rolls) Entire surface
	Oversized (*2), (*3)		Printable area Entire surface
Supported width for borderless printing			**24-in. Roll (609.6mm)**, **ISO A1/A2 Roll (594.0mm)** (*4), **JIS B2/B3 Roll (515.0mm)**, **17-in. Roll (431.8mm)**, **ISO A2/A3 Roll (420.0mm)** (*4), **16-in. Roll (406.4mm)**, **14-in. Roll (355.6mm)**, **A3+ Roll (329.0mm)**, **JIS B4 Roll (257.0mm)**, **10-in. Roll (254.0mm)**

*1: For information on the types of paper the printer supports, refer to the Paper Reference Guide. (→P.104)

*2: Printing may not be possible in some cases, depending on the type and size of paper.
*3: Load paper at least 6 mm (0.24 in) wider and 6 mm higher than the size selected in **Page Size** for roll paper. Or, load paper at least 6 mm wider and 26 mm (1.0 in) higher for the tray.
*4: Borderless printing requires the Spacer for Borderless Printing.

Hard Disk

Hard disk capacity	80 GB (print job storage capacity: 48 GB)
Print job storage capacity	• Common mail box: 100 jobs • Personal boxes: 100 jobs

Basic Environmental Performance

Printer

Power consumption	Sleep mode	100-120 V: 5 W max. 220-240 V: 6 W max.
	Off	1 W max.
Resource efficiency	Weight	Printer only: 51 kg (112.4 lb)
	Dimensions (W × D × H)	Printer only: 1,177×670×344 mm (46.3 × 26.4 × 13.5 in)
	Recycling	Recyclable plastic used for printer body
Product safety	Toxic substances	Structural components: No prohibited brominated flame retardants used (PBB or PBDE)
		Body plastic: No heavy metals (Pb, Hg, Cr[VI], or Cd) or halogenated flame retardants used
	Operating noise	Approx. 49 dB (A) max.

Packaging materials

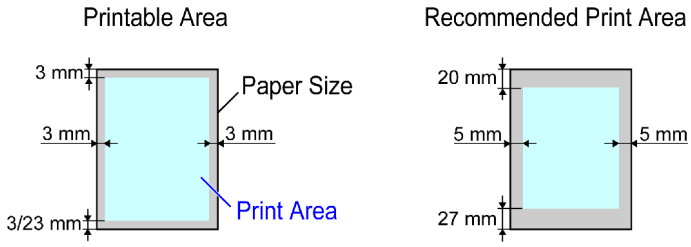
Heavy metal content (Pb, Hg, Cr[VI], and Cd)	None (none in packaging)

Print Area

A margin required by the printer is added with respect to the size of paper loaded in the printer. Except in borderless printing, the actual printing area corresponds to the paper size minus the space for this margin.

		Printable Area			Recommended Print Area		
		Top Edge	Bottom Edge	Sides	Top Edge	Bottom Edge	Sides
Sheets	Top Paper Feed Slot	3 mm (0.12 in)	3/23 mm (0.12/0.91 in)	3 mm (0.12 in)	20 mm (0.79 in)	27 mm (1.06 in)	5 mm (0.20 in)
	Front Paper Feed Slot	3 mm (0.12 in)	23 mm (0.91 in)	3 mm (0.12 in)			
Rolls		0/3 mm (0/0.12 in)	0/3 mm (0/0.12 in)	0/3 mm (0/0.12 in)	20 mm (0.79 in)	5 mm (0.20 in)	5 mm (0.20 in)

Sheets

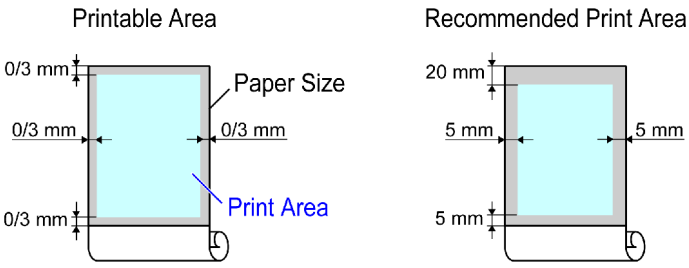


- Printable Area:
  Printing from the Top Paper Feed Slot requires a margin of 3 mm (0.12 in) on all sides. (A bottom margin of 23 mm [0.9 in] may sometimes be required.) The bottom margin is 23 mm for some types of paper. For more information, see the Paper Reference Guide. (→P.104)
  When printing from the Front Paper Feed Slot, a margin of 23 mm (0.9 in) on all sides is required.
- Recommended print area:
  A margin of 20 mm (0.79 in) on top, 27 mm (1.06 in) on bottom, and 5 mm (0.20 in) on left and right sides is required.

Note

- Printable area: The area that can be printed.
- Guaranteed Print Area: We recommend printing within this area.
- To print so that your original matches the print area exactly, use an oversized paper size that includes the required margin. (→P.252)
- You can choose a bottom margin of 3 mm or 23 mm when printing from the Top Paper Feed Slot. In the printer driver, choosing **Manual** in **Paper Source** sets the bottom margin at 23 mm. On the other hand, choosing **Manual (3mm margins)** in **Paper Source** sets the bottom margin at 3 mm, which provides a larger area for printing.
  However, the option **Manual (3mm margins)** is not available with the following paper.
  - Fine Art Photo Paper
  - Fine Art Heavyweight Photo Paper
  - Fine Art Textured Paper
- The types of paper listed above may be updated, in some cases.
  For details on paper types, see the Paper Reference Guide. (→P.104)
- If you set the bottom margin at 3 mm, images in the bottom margin may be distorted.
  In this case, choose **Manual** in **Paper Source** to set the bottom margin at 23 mm.

Rolls



- Printable Area:

  A margin of 3 mm (0.12 in) on all sides is required. During borderless printing, the margin on all sides is 0 mm. For information on paper compatible with borderless printing, see the Paper Reference Guide. (→P.104)
- Recommended print area:

  A margin of 20 mm (0.79 in) on top, 5 mm (0.20 in) on bottom, and 5 mm (0.20 in) on left and right sides is required.

Note

- Printable area: The area that can be printed.
- Guaranteed Print Area: We recommend printing within this area.
- To print so that your original matches the print area exactly, use an oversized paper size that includes the required margin. (→P.252)

Basic Printing Workflow

Printing procedure

Printing Options Using Rolls and Sheets

The printer supports both rolls and sheets.
This section introduces the main features of each, as well as the main printing methods available. Select rolls or sheets to suit your particular printing application.

Note

- For information on the types of paper the printer supports, refer to the Paper Reference Guide. (→P.104)
- A variety of other ways to print are available besides those introduced here. Choose the printing method that suits your particular printing application, referring to "Working With Various Print Jobs" and "Enhanced Printing Options" from the table of contents.

Roll printing

Media in spooled rolls is generally called Roll Media. Rolls are loaded on the Roll Holder, which are in turn loaded in the printer.
Rolls can be used to print large photos or create posters or banners that cannot be printed on regular sheets.

- Large-format printing
  Easily print vertical or horizontal banners from familiar applications such as Microsoft Office applications.
  (→P.287)
- Borderless printing
  Print without a margin (border) around posters or photos.
  (→P.266)
  (→P.273)
  (→P.259)
- Banner printing
  You can print multiple pages as a single continuous image, without margins between pages.
  (→P.308)
- 90-degree rotation before printing
  Originals in portrait orientation are rotated 90 degrees when possible to use paper more efficiently.
  (→P.333)
- Enlarged/reduced printing
  You can freely adjust the size of originals by enlarging or reducing originals before printing.
  (→P.229)
  (→P.235)
  (→P.241)
- Free Layout (Windows) and imagePROGRAF Free Layout (Macintosh)
  Print multiple documents from multiple applications (such as word-processing programs, spreadsheet programs, and so on) next to each other.
  (→P.302)

Sheet printing

Sheets refers to individual sheets of paper in regular sizes.
Insert the sheet between the Platen and the Paper Retainer.

- Enlarged/reduced printing

  You can freely adjust the size of originals by enlarging or reducing originals before printing.

  (→P.229)
  (→P.235)
  (→P.241)

- Free Layout (Windows) and imagePROGRAF Free Layout (Macintosh)

  Print multiple documents from multiple applications (such as word-processing programs, spreadsheet programs, and so on) next to each other.

  (→P.302)

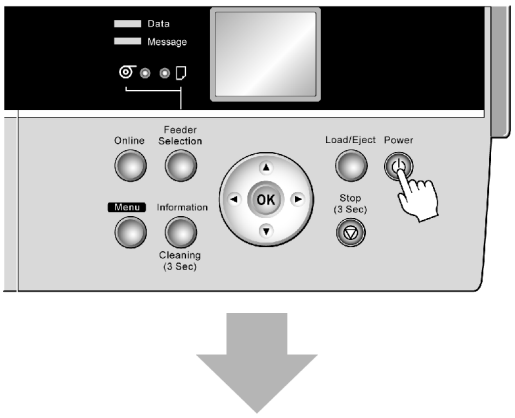
Loading and Printing on Rolls

These are the basic steps for loading and printing on rolls.
Follow these steps to switch to a new roll or a roll of a different type or width before printing.

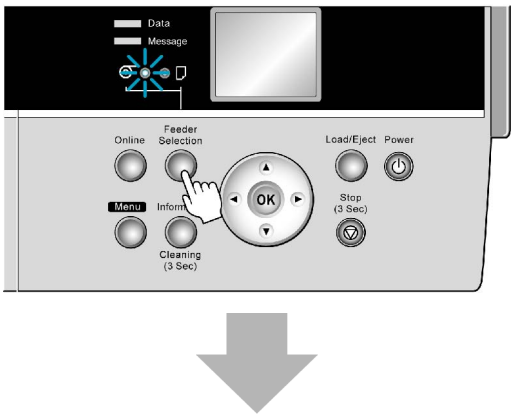
Note

- If a sheet is loaded in the Top Paper Feed Slot, remove it before this procedure. (→P.142)
- Before printing banners or other long documents, spread a clean cloth or paper on the floor or use the Output Stacker to prevent the printed surface from becoming dirty from the floor after printing.
- If you will wait for the ink to dry after printing and simply eject the document, you can deactivate automatic cutting and print a cut line instead. (→P.132)

1. Turn the printer on. (→P.28)



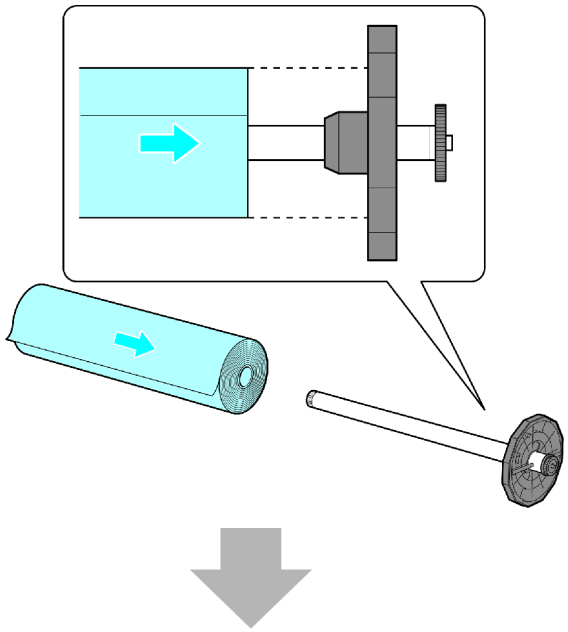
2. Select a roll as the paper source. (→P.112)



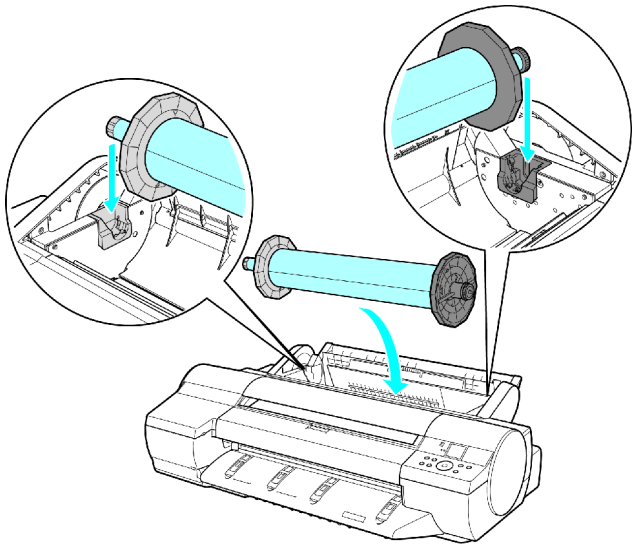
3. Load a roll on the Roll Holder. (→P.115)

Note

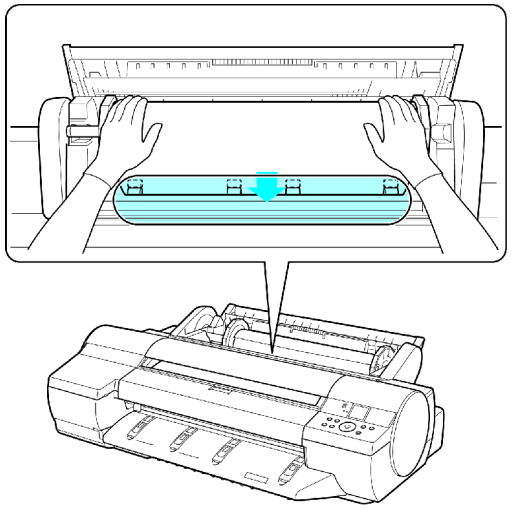
- When switching rolls, first remove the current roll from the Roll Holder. (→P.122)



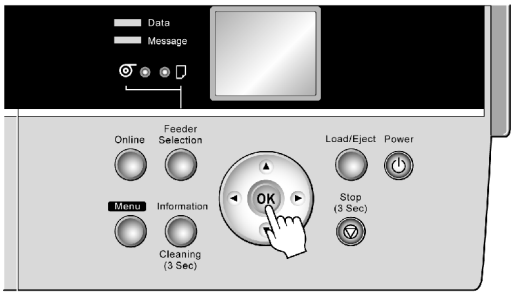
4. Load the roll in the Roll Feed Unit. (→P.117)



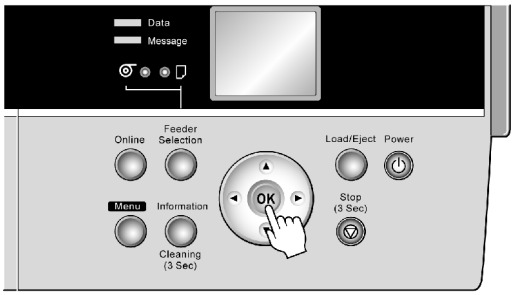
5. Load the roll in the printer. (→P.118)



6. Select the type of paper. (→P.113)

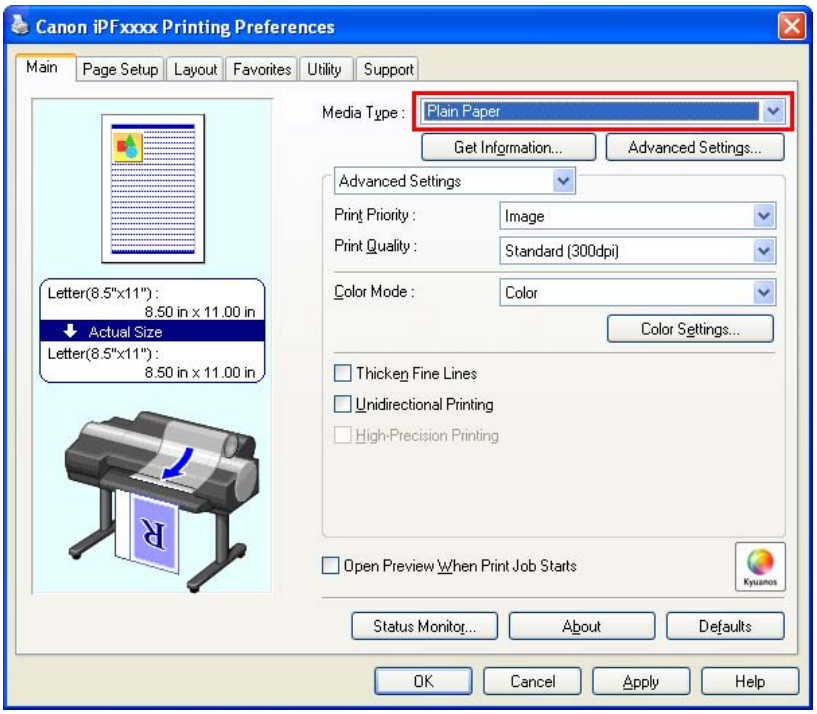


7. Specify the paper length. (→P.114)



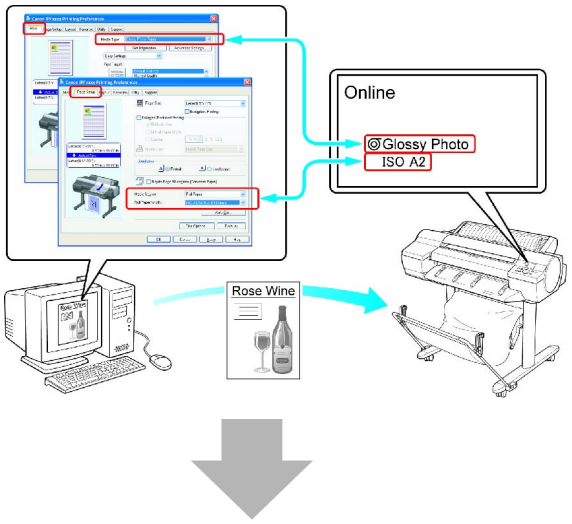
8. Complete settings in the printer driver for the type of paper and other details.

- Specifying Paper in the Printer Driver (Windows) (→P.225)
- Specifying Paper in the Printer Driver (Mac OS X) (→P.227)



Important

- Always specify the same type and size of paper in the printer menu and printer driver.
  If the type and size do not match, an error message will be displayed and printing is not possible.
  - **Papr Type Mismatch** (→P.685)
  - **RollWdthMismatch** (→P.686)



9. Send the print job.

- Printing from Windows (→P.95)
- Printing from Mac OS X (→P.96)



Start printing.

Note

- Steps 6 and 7 are not required if a barcode has been printed on the roll and you have activated automatic detection of the remaining roll paper. The type of paper and amount left are automatically detected.
- Keeping a roll in the printer for a long time without printing on it may leave a depression on the leading edge.
  When printing quality is most important, we recommend setting **TrimEdge Reload** to **On** or **Automatic** so that the paper edge is automatically cut before printing.
- For details on supported sizes and types of rolls, see “Paper Sizes” or the Paper Reference Guide. (→P.109) (→P.104)
- Clean the platen after you have used up a roll. (→P.641)
- When a roll has been advanced, do not pull it out by force. This will prevent the paper from being advanced. (→P.120)
  If you accidentally pull out the paper, see “Roll Paper Cannot be Inserted into the Paper Feed Slot”. (→P.661)
- When printing on rolls after printing on sheets, if the lit paper selection lamp does not switch from the **Cut Sheet lamp** to the **Roll Media lamp**, press the **Feeder Selection** button.

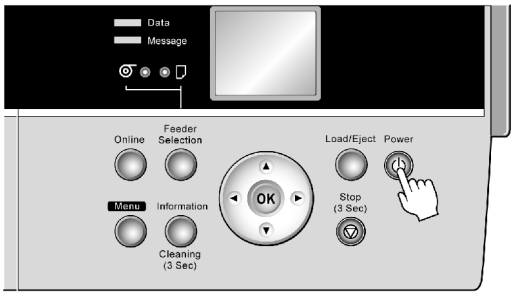
Loading and Printing on Sheets in the Paper Feed Slot

These are the basic steps for loading sheets in the paper feed slot and then printing from this slot.
Follow the steps below to load and print on sheets in the paper feed slot.

Note

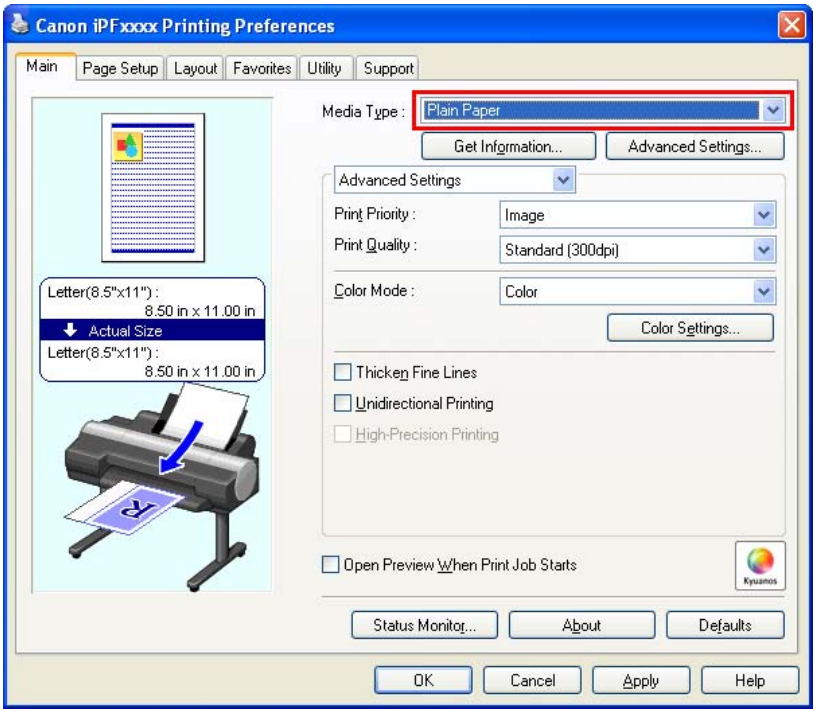
- If a roll is loaded, rewind the roll before this procedure.
(→P.142)

1. Turn the printer on. (→P.28)



2. Complete settings in the printer driver for the type and size of paper and other details.

- Specifying Paper in the Printer Driver (Windows) (→P.225)
- Specifying Paper in the Printer Driver (Mac OS X) (→P.227)



3. Send the print job.

- Printing from Windows (→P.95)
- Printing from Mac OS X (→P.96)

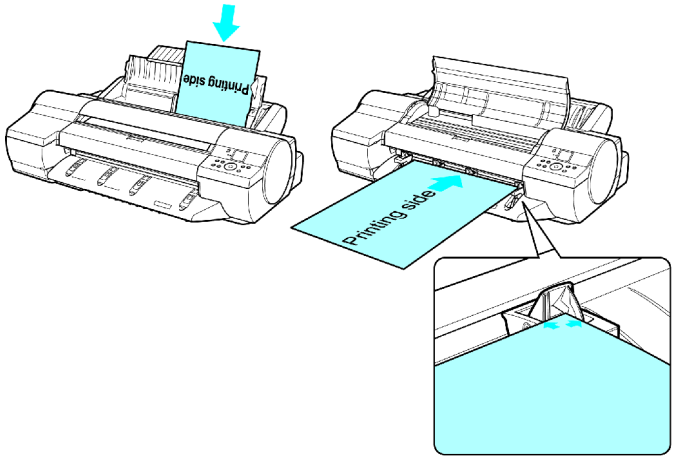
4. Load sheets manually. (→P.148)

(Top Paper Feed Slot)

(Front Paper Feed Slot)

Note

- If you will load a sheet before sending a print job, you must select the type and size of paper in advance on the printer Display Screen. Follow these steps.
  - Selecting the Paper Type (Sheet) (→P.146)
  - Selecting the Paper Size (Sheet) (→P.147)



Start printing.

Note

- For details on supported sizes and types of the paper that can be loaded in the tray, see “Paper Sizes” or the Paper Reference Guide. (→P.109) (→P.104)

Printing from Windows

Print from the application software menu.

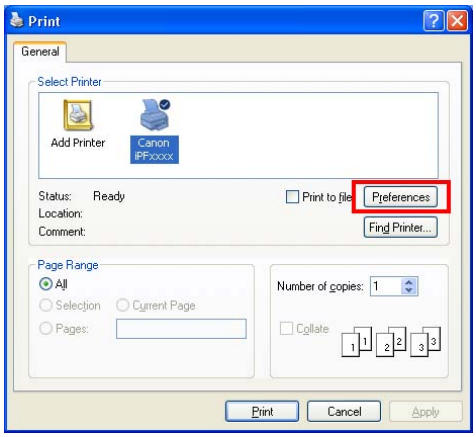
Important

- The Windows printer driver can be used in the following versions of Windows:
  - Windows 2000 (Professional or Server)
  - Windows XP (Home Edition or Professional)
  - Windows Server 2003 (Standard Edition)
  - Windows Vista
- We recommend exiting unnecessary applications before printing. Running several applications while printing may interrupt the transfer of print data and affect printing quality.

1. In the application software, select **Print** from the **File** menu to display the dialog box for printing conditions.
2. After confirming that the printer is selected in the dialog box, click **Print** or **OK** to start printing.

Note

- The appearance of the dialog box varies depending on the application software. In most cases, the dialog box includes basic printing options and enables you to choose the printer, specify the range of pages, number of copies, and so on.
  Example: Print dialog box displayed by the application software



Note

- If another printer is selected, select the printer you want to use under **Select Printer** or in the dialog box displayed after clicking **Printer**.

Settings for many printing methods (including enlarged or reduced printing, borderless printing, and so on) are displayed in the printer driver dialog box. There are two ways to access the printer driver dialog box, as follows:

- From the application software
  (→P.390)
- From the operating system menu
  (→P.392)

Printing from Mac OS X

Print from the application menu after registering the printer.

Important

- We recommend exiting unnecessary applications before printing. Running several applications while printing may interrupt the transfer of print data and affect printing quality.

Registering the printer

Before printing, you must register the printer in **Printer Setup Utility** (or **Print Center**).
For instructions on registering the printer, see “Configuring the Printer Driver Destination (Macintosh)”. (→P.496)

Important

- During this setup process, the printer will not be listed among available printers if it is off or disconnected.
- By factory default, the AppleTalk protocol is disabled on the printer. You must enable the AppleTalk protocol before using the printer in an AppleTalk network. For instructions on activating AppleTalk protocol, see “Configuring the Destination for AppleTalk Networks (Macintosh)”. (→P.498)

Note

- For **Canon IP(iPF)** connections, enter the printer’s IP address.

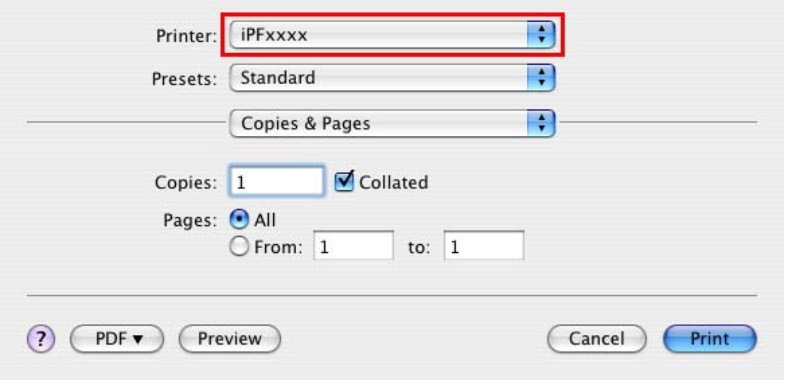
Printing from the application software

1. In the application software, select **Print** from the **File** menu to display the dialog box for printing conditions.

   Note

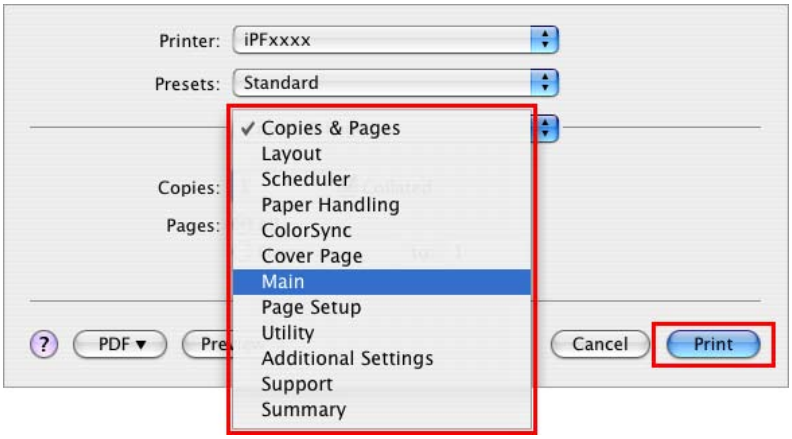
   - This dialog box includes basic printing options and enables you to choose the printer, specify the range of pages, number of copies, and so on.

2. Select the printer in the **Printer** list.



3. Click **Print** to start printing.

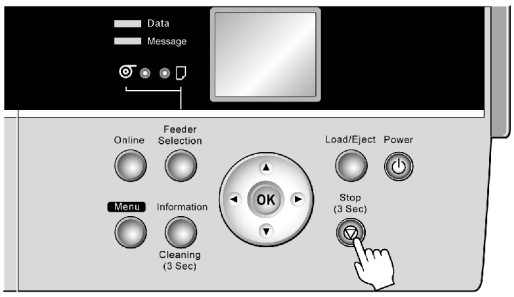
As shown in the following illustration, you can switch to other panes in this dialog box to complete settings for various methods of printing, including enlarged and reduced printing, borderless printing, and so on.



Canceling print jobs

Canceling Print Jobs from the Control Panel

Hold down the **Stop** button for a second or more to cancel print jobs or ink drying in progress when the printer is online, offline, or in Menu mode.

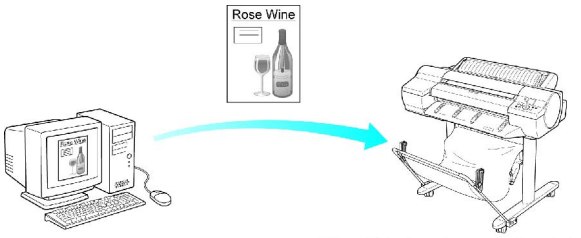


Printer operation varies depending on the status when you hold down the **Stop** button for a second or more during printing.

- If you press the **Stop** button before printing starts

  Holding down the **Stop** button for a second or more before printing cancels the print job and brings the printer online.

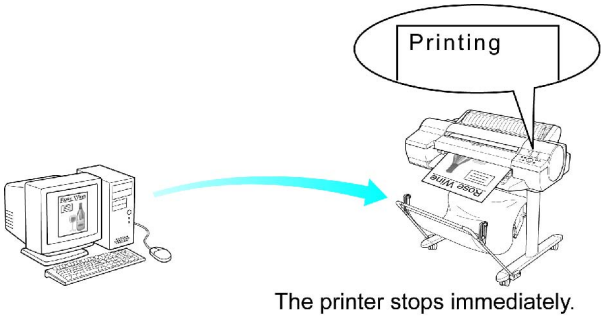
  When the roll is selected as the paper source, the printer goes online, and when sheet is selected, the printer goes offline.



The Printer does not print.

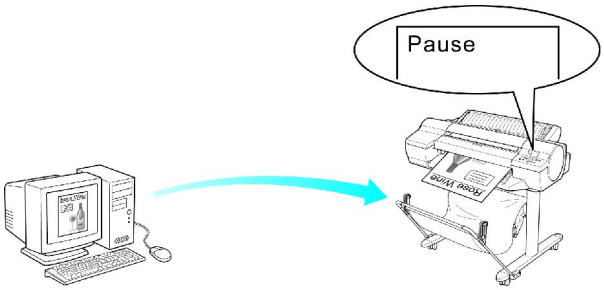
- If you press the **Stop** button during printing

  Holding down the **Stop** button for a second or more during printing stops printing immediately.



The printer stops immediately.

- If you press the **Stop** button when printing is paused
  Holding down the **Stop** button for a second or more when printing is paused cancels the print job.



The print job is canceled and the printer ejects paper.

Canceling Print Jobs from Windows

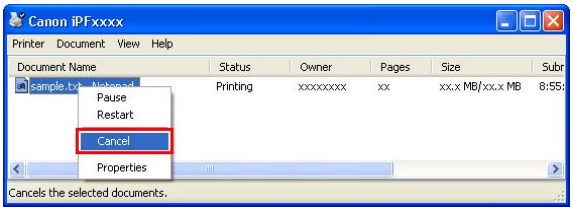
You can cancel print jobs in the printer window.

1. Click the printer icon in the taskbar to display the printer window.

Note

- You can also display this window by double-clicking the printer icon in the **Printers and Faxes** (or **Printers**) folder, accessible through the Windows **start** menu.

2. Right-click the job to cancel and select **Cancel**.

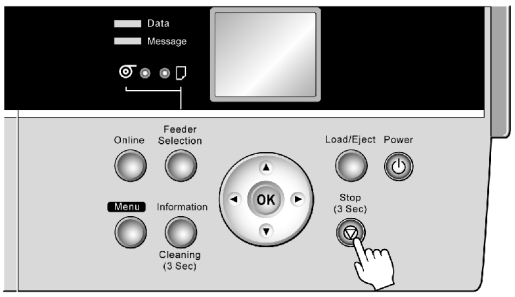


Note

- The print job is displayed on the printer screen during the transmission of print data from the computer. When the transmission is finished, the job is not displayed even during printing.

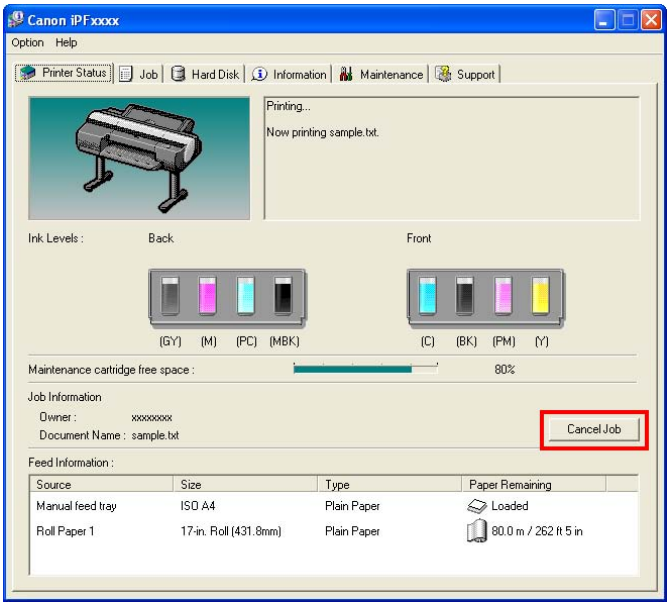
To cancel print jobs from the Control Panel, follow these steps.

1. If the Display Screen of the Control Panel still indicates that the job is in progress and the Data lamp continues flashing, hold down the **Stop** button for a second or more to stop printing.



Do the following if no print jobs are shown in the printer window (because they have already been sent to the printer).

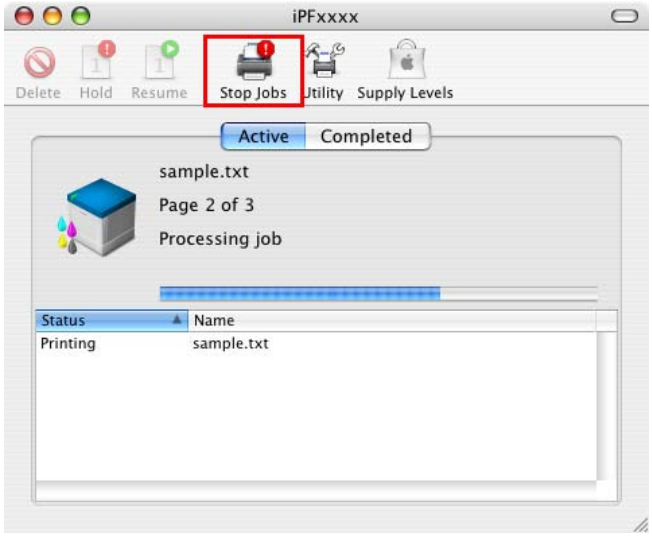
1. Double-click the taskbar icon to access the imagePROGRAF Status Monitor.
2. On the **Printer Status** sheet, click **Cancel Job**.



Canceling Print Jobs from Mac OS X

You can cancel print jobs in **imagePROGRAF Printmonitor**.

1. Click the printer icon in the **Dock** to display the printer window.
2. Click **Stop Jobs** to stop printing.



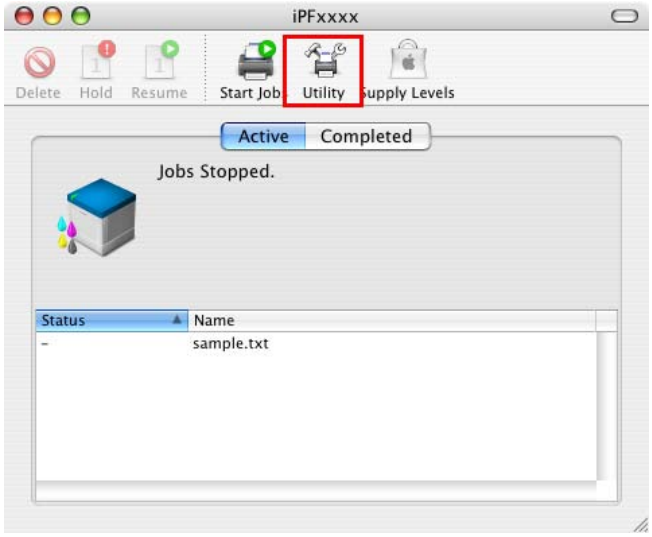
In this window, you can cancel jobs sent to the printer.

Note

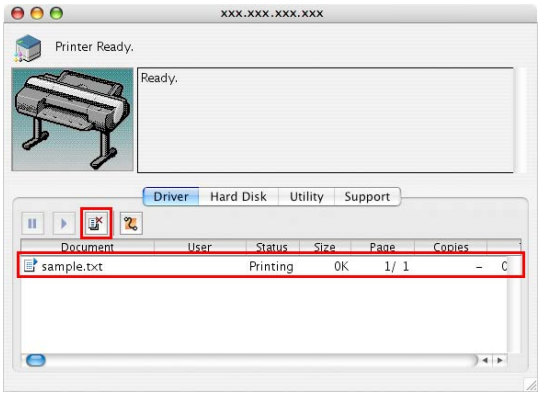
- The print job is displayed on the printer's screen during the transmission of print data from the computer. When the transmission is completed, the job is not displayed even during printing.

Alternatively, you can cancel print jobs as follows.

1. Click **Utility** to display **imagePROGRAF Printmonitor**.



2. Select the print job to cancel and click the **Cancel Job** button to remove the print job.



The job sent to the printer is canceled.

Note

- The print job is displayed on the **imagePROGRAF Printmonitor** window while the printer receives the print data from the computer. It is not displayed before transmission of print data to the printer, even if the computer has started the process of the data.

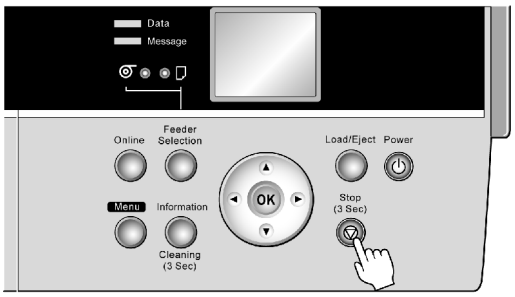
3. Exit **imagePROGRAF Printmonitor**. In the printer window, click **Start Jobs**.

Important

- Always follow these steps if you cancel print jobs. If you do not restart job processing, the next job cannot be printed.

To cancel print jobs from the Control Panel, follow these steps.

1. If the Display Screen of the Control Panel still indicates that the job is in progress and the Data lamp continues flashing, hold down the **Stop** button for a second or more to stop printing.



Handling Paper

Paper

Types of Paper

For information on the types of paper the printer supports (such as plain paper, coated paper, glossy photo paper, proofing paper, and CAD paper), refer to the Paper Reference Guide. The Paper Reference Guide identifies types of paper and gives specifications, printer driver settings, and tips on handling paper. (See Paper Reference Guide .)
By downloading the latest version of the Media Configuration Tool from the imagePROGRAF website, you can make sure the paper information indicated in the Paper Reference Guide, on the printer Control Panel, and in the printer driver is up to date.

Note

- Types of paper for which † appears next to the product name are specified as genuine Canon paper. For other paper, contact the respective manufacturer after reading instructions included with the media for further information.

Accessing the Paper Reference Guide from imagePROGRAF Support Information

The Paper Reference Guide can also be accessed from **imagePROGRAF Support Information**. Follow these instructions, as appropriate for your operating system.

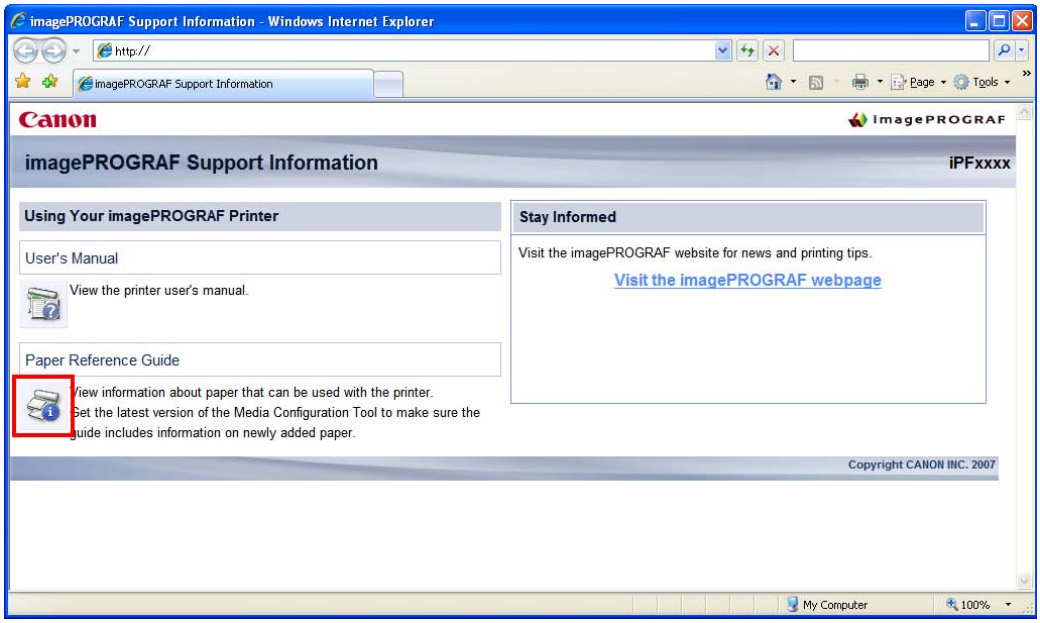
- Windows

1. Double-click the **iPFxxxx Support** desktop icon. (iPFxxxx indicates the printer model.)

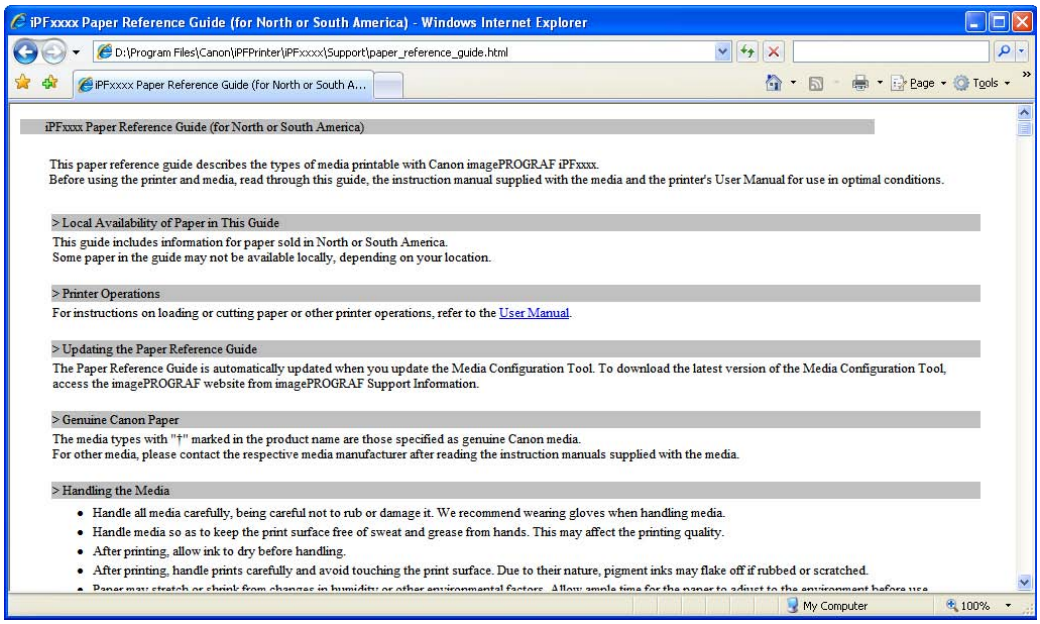


The **imagePROGRAF Support Information** window is displayed.

2. Click the **Paper Reference Guide** button.



The Paper Reference Guide is displayed.



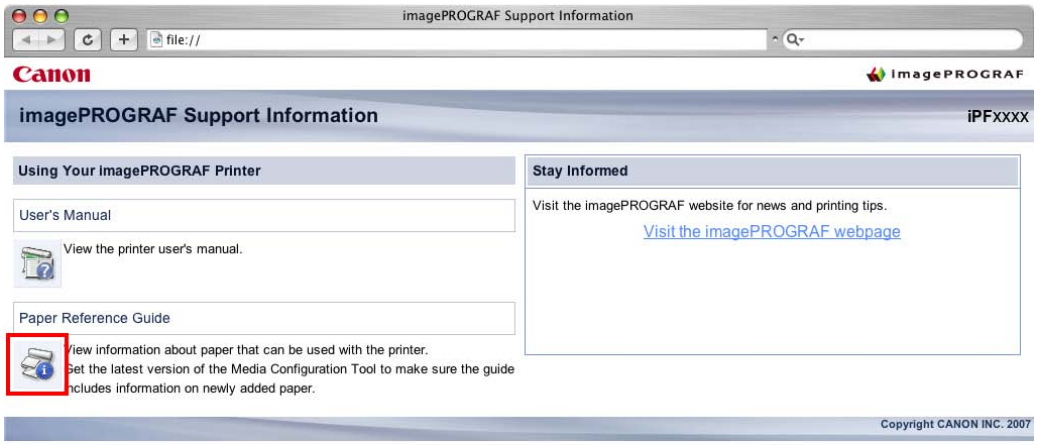
- Mac OS X

1. Click the **iPF Support** icon in the **Dock**.

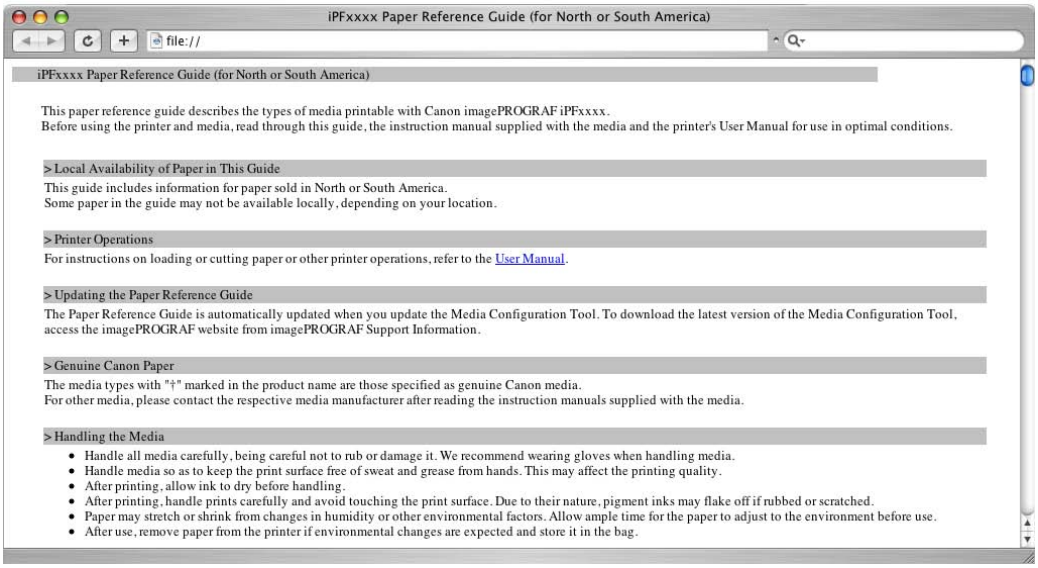


The **imagePROGRAF Support Information** window is displayed.

2. Click the **Paper Reference Guide** button.



The Paper Reference Guide is displayed.



Updating Paper Information

To update the paper information in the Paper Reference Guide and on the printer, download the latest version of the Media Configuration Tool from the imagePROGRAF website. For information about the Media Configuration Tool, see Media Configuration Tool (Windows) or Media Configuration Tool (Macintosh).
The imagePROGRAF website is accessible from **imagePROGRAF Support Information**.

Important

- When you use the Media Configuration Tool to update information about paper, the types of paper on the printer Control Panel, in the printer driver, and in related software are updated.

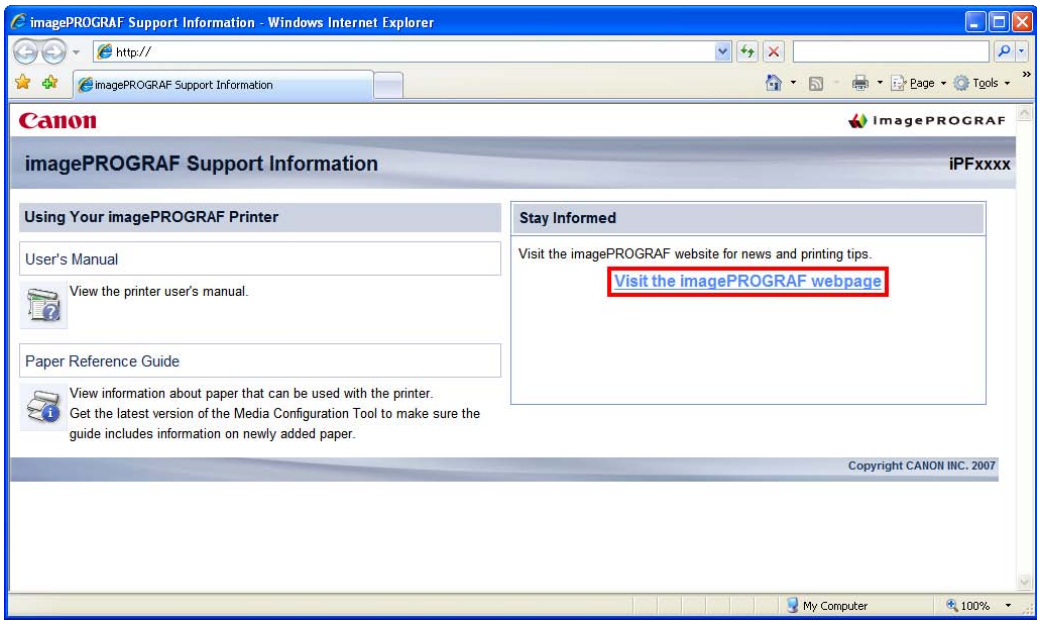
- Windows

  1. Double-click the **iPFxxxx Support** desktop icon. (iPFxxxx indicates the printer model.)



  The **imagePROGRAF Support Information** window is displayed.

  2. Click **Visit the imagePROGRAF webpage**.



  The default browser on your computer is started and the imagePROGRAF webpage is displayed.

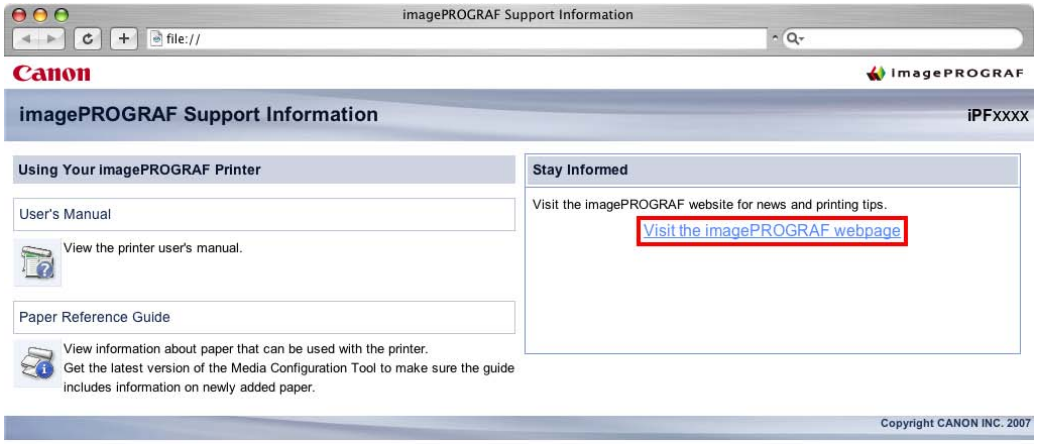
- Mac OS X

1. Click the **iPF Support** icon in the **Dock**.



The **imagePROGRAF Support Information** window is displayed.

2. Click **Visit the imagePROGRAF webpage**.



The default browser on your computer is started and the imagePROGRAF webpage is displayed.

Note

- You can also access the imagePROGRAF website through the following operations.
  - Windows
    Click the **start** menu and select **Programs** > iPFxxxx Media Configuration Tool (iPFxxxx indicates the printer model) > iPFxxxx Media Configuration Tool. After the Media Configuration Tool starts up, click Extra Information.
  - Macintosh
    In Finder, select Applications > Canon Utilities > iPFxxxx Media Configuration Tool (iPFxxxx indicates the printer model) > MCTxxxx. After the Media Configuration Tool starts up, click Extra Information.

Paper Sizes

Rolls

Rolls that meet the following conditions are supported.

- Outer diameter: up to 150 mm (6 in)
- Inner diameter of paper core: 2 or 3 inches
- Printing side out

Roll Width	Identification in Roll Paper Width in Printer Driver (*1)	Borderless Printing (*1)
609.6 mm (24.00 in)	**24-in. Roll (609.6mm)**	Yes
594.0 mm (23.39 in)	**ISO A1/A2 Roll (594.0mm)**	Yes (*2)
515.0 mm (20.28 in)	**JIS B2/B3 Roll (515.0mm)**	Yes
431.8 mm (17.00 in)	**17-in. Roll (431.8mm)**	Yes
420.0 mm (16.54 in)	**ISO A2/A3 Roll (420.0mm)**	Yes (*2)
406.4 mm (16.00 in)	**16-in. Roll (406.4mm)**	Yes
355.6 mm (14.00 in)	**14-in. Roll (355.6mm)**	Yes
329.0 mm (12.95 in)	**A3+ Roll (329.0mm)**	Yes
300.0 mm (11.81 in)	**300mm Roll (300.0mm)**	No
297.0 mm (11.69 in)	**ISO A3/A4 Roll (297.0mm)**	No
257.0 mm (10.12 in)	**JIS B4 Roll (257.0mm)**	Yes
254.0 mm (10.00 in)	**10-in. Roll (254.0mm)**	Yes
203.2 mm (8.00 in)	**8-in. Roll (203.2mm)**	No
Custom Media Width	203.2-610.0 mm (8.00-24.02 in)	

*1: For information on types of paper compatible with borderless printing, see the Paper Reference Guide. (→P.104)

*2:Requires the Spacer for Borderless Printing.

Sheets

Sheets of the following sizes are supported.

Paper Sizes	Dimensions
ISO A1	594.0 × 841.0 mm (23.39 × 33.11 in)
ISO A2	420.0 × 594.0 mm (16.54 × 23.39 in)
ISO A2+	431.8 × 609.6 mm (17.00 × 24.00 in)
ISO A3	297.0 × 420.0 mm (11.69 × 16.54 in)
ISO A3+	329.0 × 483.0 mm (12.95 × 19.02 in)
ISO A4	210.0 × 297.0 mm (8.27 × 11.69 in)
ISO B2	500.0 × 707.0 mm (19.69 × 27.83 in)
ISO B3	353.0 × 500.0 mm (13.90 × 19.69 in)
ISO B4	250.0 × 353.0 mm (9.84 × 13.90 in)
JIS B2	515.0 × 728.0 mm (20.28 × 28.66 in)
JIS B3	364.0 × 515.0 mm (14.33 × 20.28 in)
JIS B4	257.0 × 364.0 mm (10.12 × 14.33 in)
22"x34"(ANSI D)	558.8 × 863.6 mm (22.00 × 34.00 in)
17"x22"(ANSI C)	431.8 × 558.8 mm (17.00 × 22.00 in)
11"x17" (Ledger)	279.4 × 431.8 mm (11.00 × 17.00 in)
13"x19" (Super B)	330.2 × 482.6 mm (13.00 × 19.00 in)
Letter (8.5"x11")	215.9 × 279.4 mm (8.50 × 11.00 in)
Legal (8.5"x14")	215.9 × 355.6 mm (8.50 × 14.00 in)
24"x36" (ARCH D)	609.6 × 914.4 mm (24.00 × 36.00 in)
18"x24" (ARCH C)	457.2 × 609.6 mm (18.00 × 24.00 in)
12"x18" (ARCH B)	304.8 × 457.2 mm (12.00 × 18.00 in)
9"x12" (ARCH A)	228.6 × 304.8 mm (9.00 × 12.00 in)
DIN C2	458.0 × 648.0 mm (18.03 × 25.51 in)
DIN C3	324.0 × 458.0 mm (12.76 × 18.03 in)
DIN C4	229.0 × 324.0 mm (9.02 × 12.76 in)
20"x24"	508.0 × 609.6 mm (20.00 × 24.00 in)
18"x22"	457.2 × 558.8 mm (18.00 × 22.00 in)
14"x17"	355.6 × 431.8 mm (14.00 × 17.00 in)
12"x16"	304.8 × 406.4 mm (12.00 × 16.00 in)
10"x12"	254.0 × 304.8 mm (10.00 × 12.00 in)
10"x15"	254.0 × 381.0 mm (10.00 × 15.00 in)
US Photo 16"x20"	406.4 × 508.0 mm (16.00 × 20.00 in)
Poster 20"x30"	508.0 × 762.0 mm (20.00 × 30.00 in)
13"x22"	329.0 × 558.0 mm (12.95 × 21.97 in)

Paper Sizes		Dimensions
Poster 300x900mm		300.0 × 900.0 mm (11.81 × 35.43 in)
Custom Paper Size	Top Paper Feed Slot	203.2 ×279.0 mm (8.00×10.98 in) to 610.0×1600.0 mm (24.02×62.99 in)
	Front Paper Feed Slot	250.0 ×350.0 mm (9.84×13.78 in) to 610.0×914.0 mm (24.02×35.98 in)

Note

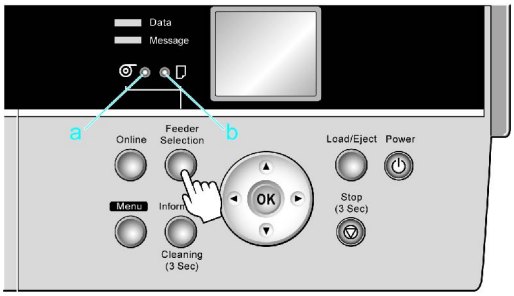
- In the printer driver, paper sizes are categorized into groups based on the “size system”, such as ISO A or JIS.
  In Windows, some size systems are not available by default. Follow these steps to make them available.
  1. Display the printer driver dialog box.
  2. Click the **Page Setup** tab to display the **Page Setup** sheet.
  3. Click **Size Options** to display the **Paper Size Options** dialog box.
  4. Select the Display Series check box.
- For details on non-standard **Custom Paper Size**, see “Printing on Non-Standard Paper Sizes”. (→P.295)
- Borderless printing is not supported on sheets.

Handling rolls

Selecting the Paper Source

When advancing paper, press the **Feeder Selection** button and select the source.
You can determine the selected source by checking which lamp is lit-either the **Roll Media lamp** (a) or the **Cut Sheet lamp** (b).

- **Roll Media lamp** : Selected when printing on Roll Media.
- **Cut Sheet lamp** : Selected when printing on Sheets from the Top Paper Feed Slot or Front Paper Feed Slot.



Note

- If any paper is loaded that will not be used, a message is shown on the Display Screen (either **Remove roll?** or **Eject sheet?**) when you press the **Feeder Selection** button.
  To remove the paper, press the **OK** button. (→P.142)
- You cannot switch the paper source in the following situations:
  - When the Message lamp is flashing
    Check the message on the Display Screen and take action as necessary. (→P.681)
  - When the Data lamp is flashing
    Select the paper source after printing is finished.
  - When a printer menu operation is in progress
    Wait until the operation is finished before selecting the paper source.
  - When in the process of loading paper
    Finish loading the paper before selecting the paper source.
  - When in the process of replacing ink tanks
    Finish replacing the Ink Tank before selecting the paper source.
  - When the Top Cover is open
    Close the Top Cover before selecting the paper source.

Selecting the Paper Type (Roll)

When changing the type of paper after the paper has been advanced, specify the type of paper as follows.

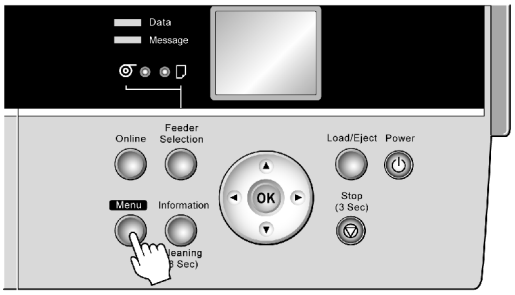
Important

- For best printing results, the printer fine-tunes the feed amount for each type of paper. That's why the margins and the size of printed images may vary depending on the type of paper used. If printing results are not as you expected, adjust the paper feed amount and Printhead height.
(→P.578)
(→P.575)

Note

- After you load the roll, the printer automatically shows a menu for selection of the paper type on the Display Screen, unless a barcode has been printed on the roll or you have activated automatic detection of the remaining roll paper. Select the type of paper, and then press the **OK** button.
If no barcode has been printed on the roll and you have activated automatic detection of the remaining roll paper, specify the roll length after the paper type. (→P.114)

1. Press the **Menu** button to display **MAIN MENU**.

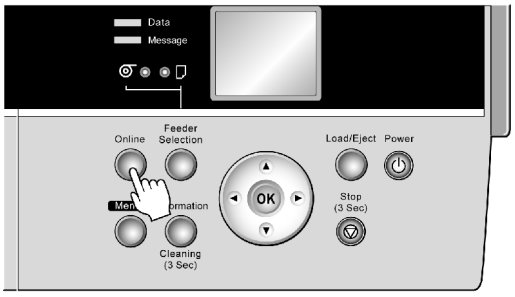


2. Press ▲ or ▼ to select **Media Menu**, and then press the ► button.
3. Press ▲ or ▼ to select **Roll Media Type**, and then press the ► button.
4. Press ▲ or ▼ to select the type of paper loaded in the printer, and then press the **OK** button.

Note

- For details on types of paper, see the Paper Reference Guide. (→P.104)By factory default, Plain Paper is selected.
- Be sure to select the correct paper type. If this setting does not match the loaded paper, it may cause feed errors and affect the printing quality.

5. Press the **Online** button to bring the printer online.



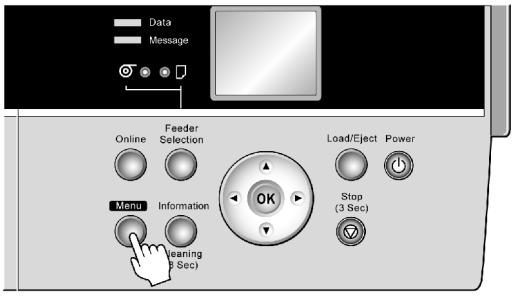
Specifying the Paper Length (Roll)

When changing the length of paper after the paper has been advanced, specify the length as follows.

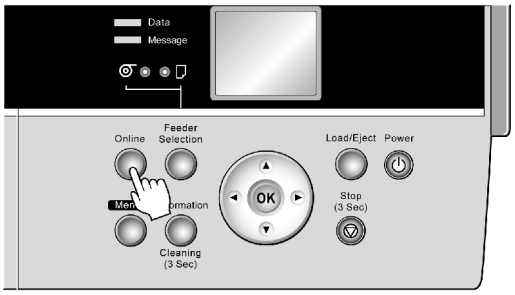
Note

- When you specify the roll length in the printer menu, **Chk Remain.Roll** must be set to **On**. If it is **Off**, the **Roll Length Set** menu is not shown.
- After you specify the roll type, the printer automatically shows a menu for selection of the roll length on the Display Screen if no barcode has been printed on the roll and you have activated automatic detection of the remaining roll paper. Select the roll length, and then press the **OK** button. The printer will automatically go online.

1. Press the **Menu** button to display **MAIN MENU**.



2. Press ▲ or ▼ to select **Media Menu**, and then press the ► button.
3. Press ▲ or ▼ to select **Roll Length Set**, and then press the ► button.
4. Press ▲ or ▼ to select the length of paper loaded in the printer, and then press the **OK** button.
   Specify the roll length as follows.
   1. Press ◄ or ► to move the cursor (_) to each field for entering numbers.
   2. Press the ▲ or ▼ button to enter the value.
   3. Repeat steps 1 and 2 to finish entering the value, and then press the **OK** button.
5. Press the **Online** button to bring the printer online.

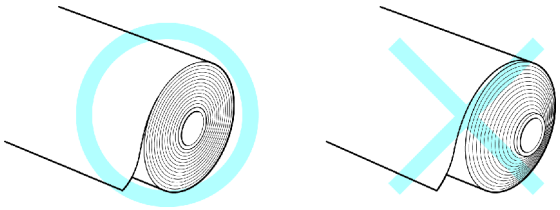


Loading Rolls on the Roll Holder

When printing on rolls, attach the Roll Holder to the roll. Attach the 2-inch or 3-inch paper core attachment to the Roll Holder, depending on the size of the paper core of the roll you will use. The printer is delivered with the 2-inch paper core attachment installed. (→P.140)

Important

- Align the edges of the paper on both ends of the roll.This may cause feeding problems.



- If the edge of the roll is bent or soiled, use the **Paper Cutting** operation of the printer to cut the edge of the paper manually. (→P.132)
- If the paper is badly creased or bent, cut the edge of the roll with scissors before loading the roll in the printer, and then cut the edge of the paper manually using the **Paper Cutting** operation of the printer. (→P.132)
- To load a roll with a 3-inch paper core, insert the 3-Inch Paper Core Attachment on the roll holder and attach the 3-Inch Paper Core Holder Stopper. (→P.140)

Caution

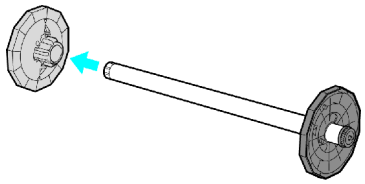
- Set the roll on a table or other flat surface so that it does not roll or fall. Rolls are heavy, and dropping a roll may cause injury.

Note

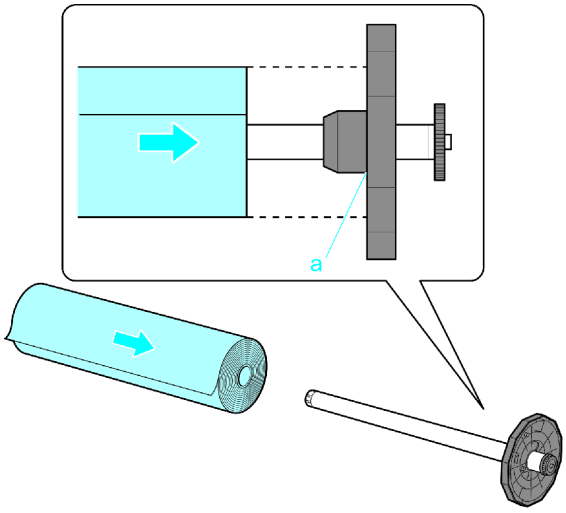
- For details on supported sizes and types of the roll that can be loaded, see “Paper Sizes” or the Paper Reference Guide. (→P.109) (→P.104)
- If you use a roll A1, A2, or larger for **Borderless Printing**, insert the provided Spacer for Borderless Printing on the Roll Holder.

Follow the steps 3 and 4 below.

1. Remove the Holder Stopper from the Roll Holder.



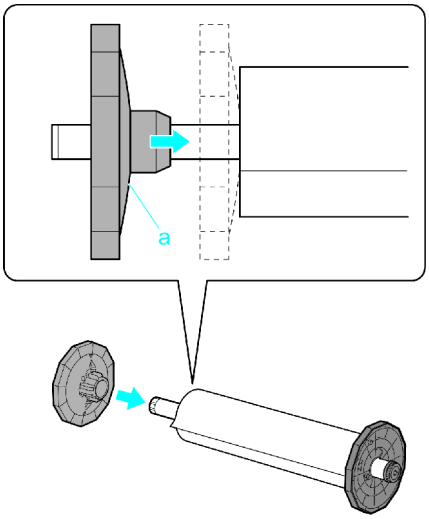
2. With the Roll Holder sideways and the edge of the roll paper facing forward as shown, insert the roll in the Roll Holder from the left. Insert the roll firmly until it touches the flange (a) of the Roll Holder.



Important

- Always put the Roll Holder sideways when loading rolls. If you accidentally load a roll when the Roll Holder is upright, it may damage the Roll Holder.

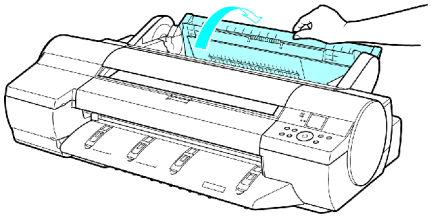
3. Insert the Holder Stopper from the left in the Roll Holder as shown, pushing it firmly in until the flange (a) of the Holder Stopper touches the roll.



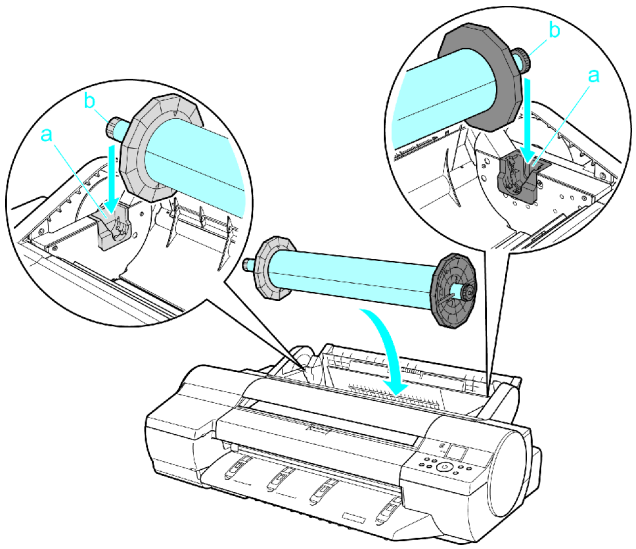
Loading Rolls in the Roll Feed Unit

Once a roll is in the Roll Holder, follow these steps to load the roll in the Roll Feed Unit.

1. Open the Roll Feed Unit Cover.



2. With the edge of the roll facing up toward you, insert the Roll Holder shaft into the guide grooves (a) of the Roll Holder Slot on both sides. Make sure that the colors of the Roll Holder shaft ends (b) and the guide grooves match.



Caution

- Be careful not to pinch your fingers between the guide grooves (a) and the Roll Holder shaft (b) when loading rolls.

Note

- If it is difficult to load rolls from the front, load them from behind the printer.

At this point, to advance the roll, see “Loading Rolls in the Printer”. (→P.118)

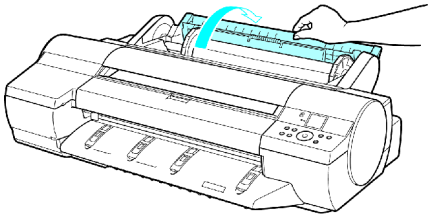
Loading Rolls in the Printer

Follow these steps to load rolls in the printer.

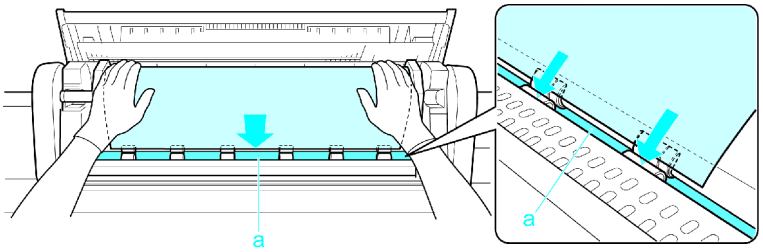
Note

- Remove any loaded paper that will not be used.
  - Rolls (→P.120)
  - Sheets (→P.154)
- If the Platen is dirty, clean inside the Top Cover. (→P.641)

1. Open the Roll Feed Unit Cover.

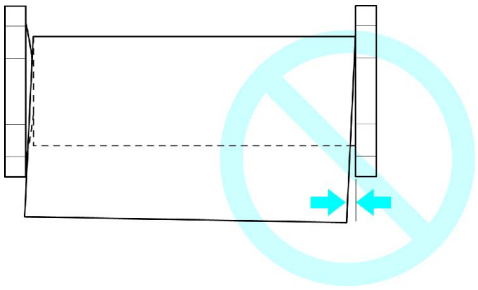


2. Insert the edge of the roll paper into the Paper Feed Slot (a) and feed it manually until you hear the paper feed tone.



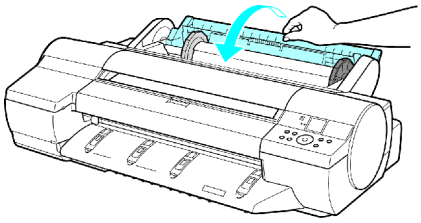
Important

- Be careful not to soil the printing surface of roll paper as you insert it in the slot. This may affect the printing quality. We recommend wearing clean cloth gloves when handling rolls to protect the printing surface.
- If the paper is wrinkled or warped, straighten it out before loading it.
- Load paper straight so it is not fed askew.



The printer now starts advancing the paper.

3. Close the Roll Feed Unit Cover.



Note

- How the printer operates after the paper is fed varies depending on the setting for automatic detection of the remaining roll paper, as well as the barcode printed on rolls.

Automatic Detection of the Remaining Roll Paper	Barcodes	Printer Operation After the Paper is Fed
On	Printed	The type and amount of paper left is automatically detected based on the barcode printed on the roll. There is no need to specify the type and length of the paper.
	Not printed	You must specify the type and length of the paper. A menu for selection of the paper type and length is automatically shown on the Display Screen. (→P.113) (→P.114)
Off	Printed	You must specify the type of paper. (→P.113)
	Not printed	

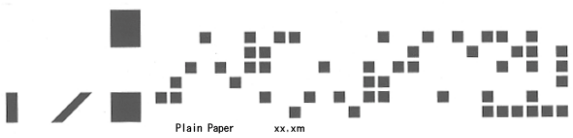
- Cut the edge of the roll if it is soiled or if there are cuts from scissors or the blade after removing creased edges. (→P.132)

Removing the Roll from the Printer

Remove rolls from the printer as follows.

Note

- If you need to cut the roll, select **Paper Cutting** and cut the roll at the desired position. (→P.132)
- If you have selected **Media Menu** > **Chk Remain.Roll** > **On** in the printer menu and the printed document has been ejected, a barcode and brief text message are printed on the leading edge of rolls. If the document is not cut but kept in the printer, only the text message is printed. This is also the case when printing on 8-inch rolls or clear film.



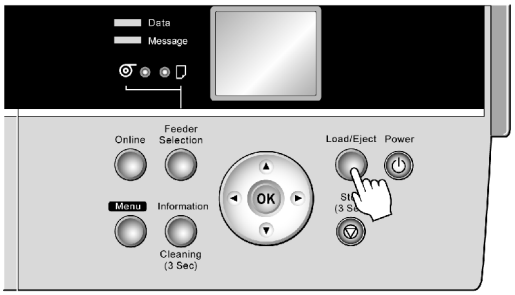
Caution

- If you have activated automatic monitoring of the remaining roll paper, do not remove the roll before the barcode is printed. You will be unable to keep track of the amount of roll paper left.

Important

- When a roll has been advanced, do not pull it out by force. This will prevent the paper from being advanced, and you will be unable to manage the amount of roll paper left.
  If you accidentally pull out the paper, follow these steps to remove the roll and open the feed slot.

1. Press the **Load/Eject** button.
   A confirmation message is displayed regarding removal of the roll.



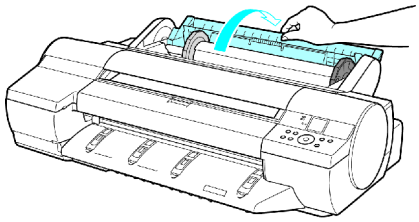
2. Press the **OK** button.
   The roll can now be removed.

Next, when removing rolls from the Roll Feed Unit, see “Removing Rolls from the Roll Feed Unit”. (→P.121)

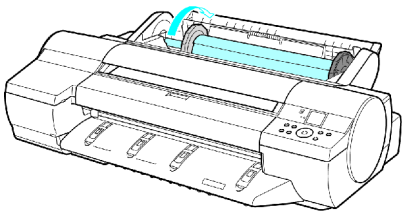
Removing Rolls from the Roll Feed Unit

Remove any rolls in the Roll Feed Unit as follows.

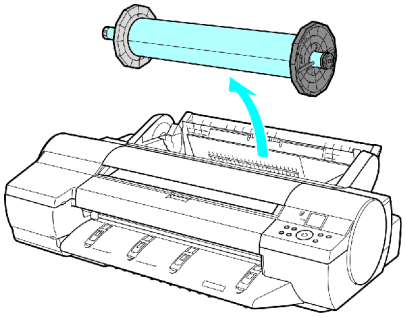
1. Open the Roll Feed Unit Cover.



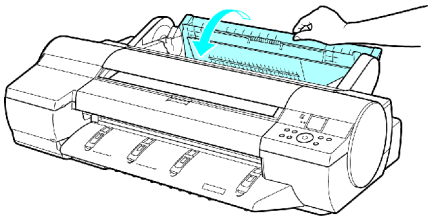
2. Using both hands, rotate the Roll Holder toward the back to rewind the roll.



3. Remove the Roll Holder from the Roll Holder Slot.

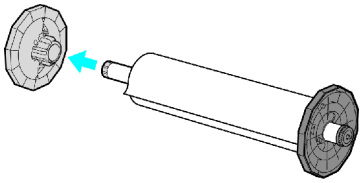


4. Close the Roll Feed Unit Cover.

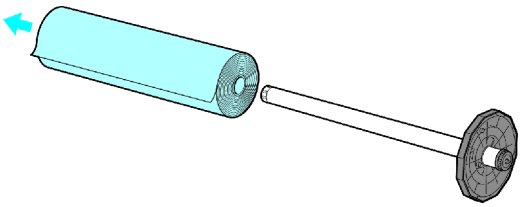


Removing Rolls From the Roll Holder

1. Remove the Holder Stopper from the Roll Holder.



2. Remove the roll from the Roll Holder.



Important

- After removal, store the roll in the original bag or box, away from high temperature, humidity, and direct sunlight. If paper is not stored properly, the printing surface may become scratched, which may affect the printing quality when you use it again.

Note

- How to remove the 3-Inch Paper Core Attachment : (→P.140)
- How to remove the Spacer for Borderless Printing : (→P.140)

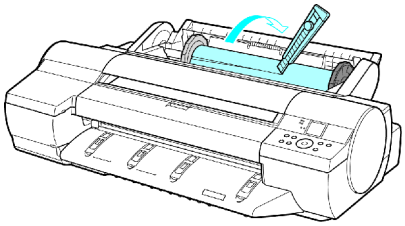
Clearing Jammed Roll Paper

If paper from a roll becomes jammed, **Paper jam.** is shown on the Display Screen of the Control Panel. Remove the jammed paper as follows.

Note

- For instructions on removing a paper jam from a roll if the scrap of paper remains in the Paper Feed Slot, see “Clearing Jammed Paper (Paper Feed Slot)”. (→P.127)

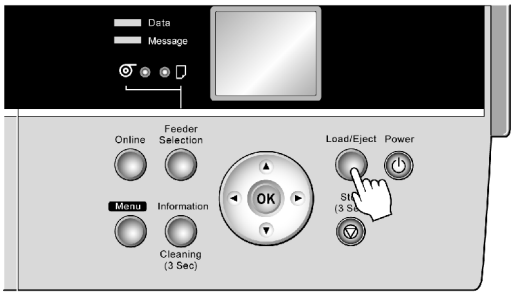
1. Open the Roll Feed Unit Cover. Use a commercially available cutter or the like to cut the paper of the loaded roll.



Caution

- When cutting paper, be careful to avoid injury and damaging the printer.

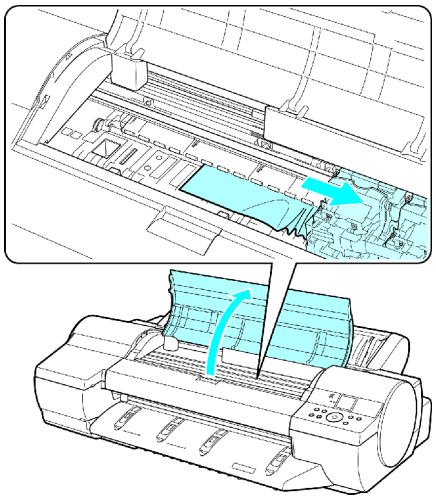
2. Press the **Load/Eject** button.



3. Remove the jammed paper.

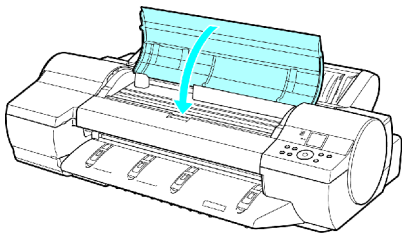
- If paper is jammed inside the Top Cover

1. Open the Top Cover and move the Carriage to the side.



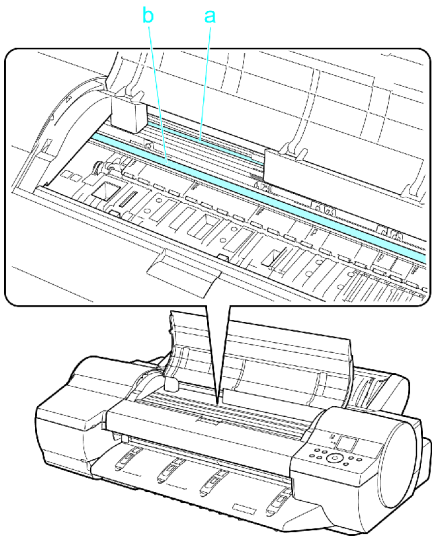
2. Clear any jammed paper from inside the Top Cover.
After removing the paper, make sure there are no other scraps of paper in the printer.

3. Close the Top Cover.



Important

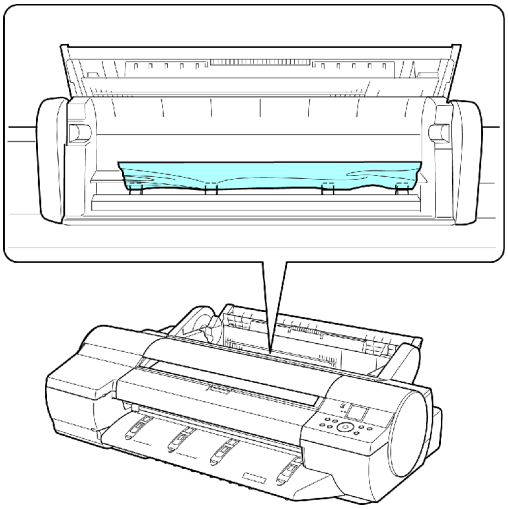
- Do not touch the Linear Scale (a) or Carriage Shaft (b). This may stain your hands and damage the printer.



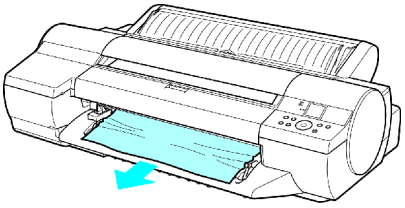
- If paper from a roll is jammed by the Paper Feed Slot

  1. Open the Roll Feed Unit Cover.

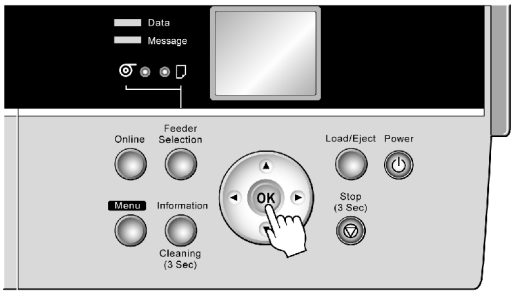
  2. Remove the jammed paper from the Paper Feed Slot.
  After removing the paper, make sure there are no other scraps of paper in the printer. If paper is jammed deep in the Paper Feed Slot (→P.126), remove the Roll Feed Unit and clear the paper jam.



- If the paper is jammed by the Ejection Guide
  Remove the jammed paper from the Output Tray.
  After removing the paper, make sure there are no other scraps of paper in the printer.

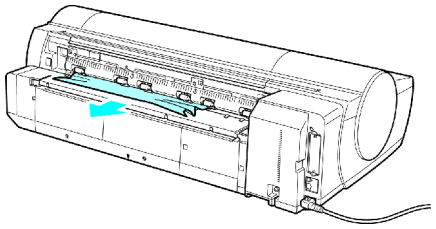


4. Press the **OK** button.



If paper is jammed deep in the Paper Feed Slot, remove the Roll Feed Unit and clear the paper jam as follows.

1. Turn off the printer and remove the Roll Feed Unit from the printer. (→P.143)
2. Remove the jammed paper from the Paper Feed Slot.



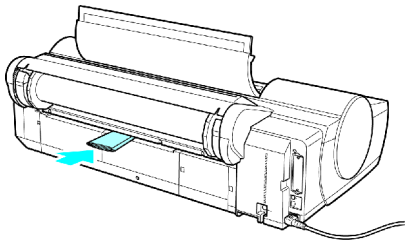
After removing the paper, make sure there are no other scraps of paper in the printer.

3. Install the Roll Feed Unit on the printer again. (→P.144)

Clearing Jammed Paper (Paper Feed Slot)

Follow these steps to remove any scraps left in the Paper Feed Slot after you clear jammed sheets or roll paper.

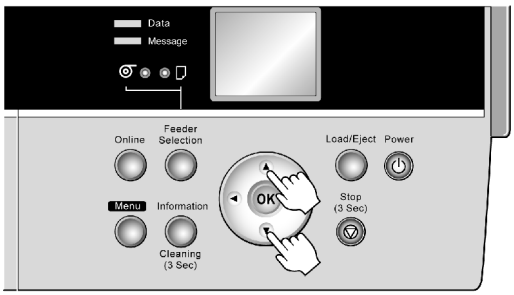
1. Press the **Feeder Selection** button to activate the **Cut Sheet lamp**.
2. Press the **Load/Eject** button.
   A screen is displayed for paper type selection.
3. Select POP Board and press the **OK** button.
   A screen is displayed for paper size selection.
4. Select the desired size and press the **OK** button.
   Instructions for feeding POP Board are shown on the Control Panel, but instead of following them, follow this procedure to remove the jammed paper.
5. Open the Top Cover.
6. Fold an A4 sheet lengthwise four times and insert it through the gap of the Back Cover. Push the scrap out toward the Platen.



7. Remove the scrap when it is pushed out onto the Platen.
8. If any scraps remain inside the Paper Feed Slot, repeat steps 6 and 7.
9. Close the Top Cover.
10. Turn the printer off. (→P.28)

Feeding Roll Paper Manually

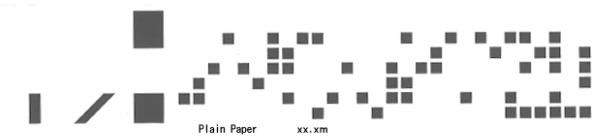
You can bring the printer offline by pressing the **Online** button.
When the printer is offline and roll paper is selected as the paper source, you can feed or retract the roll paper by pressing ▲ or ▼.



Press ▲ to retract the roll paper manually.
Press ▼ to feed the roll paper manually.
If you hold down ▲ or ▼ for less than a second, the roll paper will move about 1 mm (0.04 in).
If you hold down ▲ or ▼ for more than a second, the paper will move until you release the button. Release the button when the Display Screen indicates **End of paper feed. Cannot feed paper more.**.

Detection of the Remaining Roll Paper

If you have activated automatic detection of the remaining roll paper, when the roll is ejected, a barcode with text is printed on the roll paper that identifies the type of paper and amount left. If this function is activated and barcodes are printed on the roll paper, the type of paper and amount left are automatically detected when you load a roll. The barcode will be cut off after it has been read.



Note

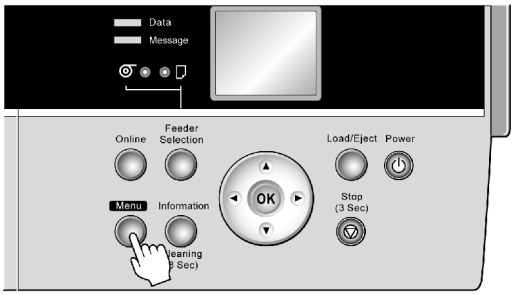
- Only the text message is printed if the document is not cut but kept in the printer, or if you are printing on clear film.

Important

- If the barcode on the roll is not detected, enter the type and length of paper on the Control Panel.

Follow these steps to activate detection of the remaining roll paper.

1. Press the **Menu** button to display **MAIN MENU**.



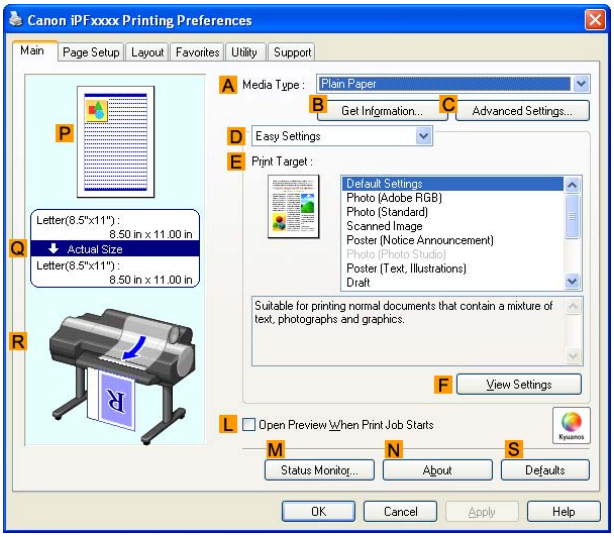
2. Press ▲ or ▼ to select **Media Menu**, and then press the ► button.
3. Press ▲ or ▼ to select **Chk Remain.Roll**, and then press the ► button.
4. Press ▲ or ▼ to select the desired setting option, and then press the **OK** button.

Specifying the Ink Drying Time for Rolls

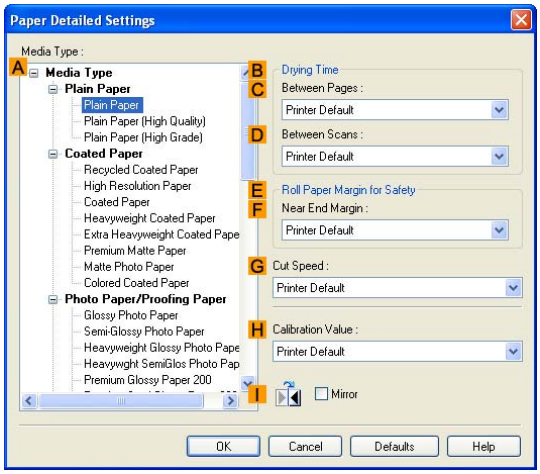
When you are using paper that takes longer for ink to adhere, if the Cutter touches printed surfaces that are still wet, it may damage the paper or cause rough cut edges. Also, ink may be transferred onto the paper surface during ejection, soiling it. You can prevent problems by adjusting the drying time after printing before the paper is cut.

Windows

1. Display the printer driver dialog box.
   (→P.392)
2. Select the **Main** sheet and click **C Advanced Settings** in **A Media Type**.

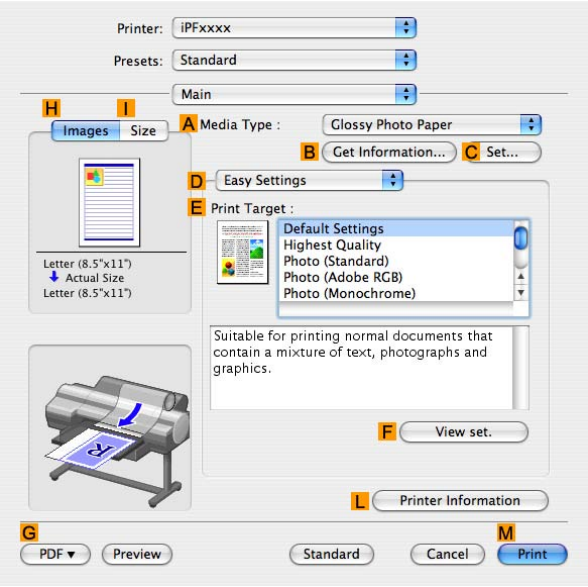


3. In the **Paper Detailed Settings** dialog box displayed next, select the desired settings values in **C Between Pages** and **D Between Scans** in **B Drying Time**, and then click **OK**.
   (→P.398)

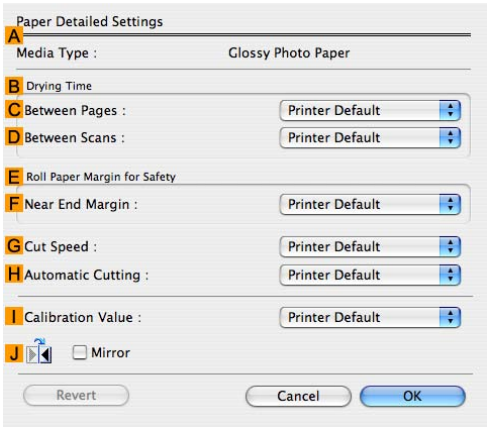


Mac OS X

1. Choose **Print** in the application menu.
2. Select the **Main** pane and click C **Settings** in A **Media Type**.



3. In the **Paper Detailed Settings** dialog box displayed next, select the desired settings values in C **Between Pages** and D **Between Scans** in B **Drying Time**, and then click **OK**.
(→P.445)



Note

- By factory default, **Drying Time** is deactivated (**Off**) for all paper types.
- To have the printer wait for ink to dry immediately after printing without releasing paper, set **Cutting Mode** to **Eject** in the printer menu.
(→P.132)

Specifying the Cutting Method for Rolls

How a roll is cut after ejection varies depending on the printer settings.

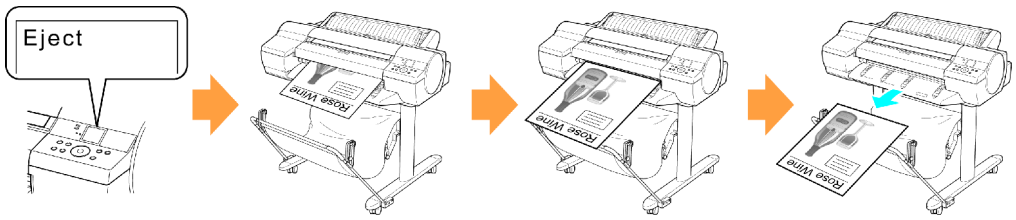
Cutting Method		Menu Settings		Driver Setting	
Automatic	The roll is automatically cut by the Cutter Unit following printer driver settings.	**Cutting Mode**	**Automatic**	**Auto Cut**	**Yes**
Eject (→P.133)	Choose this setting if you prefer not to have documents dropped immediately after printing, as when waiting for ink to dry. To cut the roll using the Cutter Unit, hold down the **Stop** button for a second or more.		**Eject**		**Yes**
Manual (→P.134)	Choose this setting when using media that cannot be cut using the Cutter Unit. Cut each page from the roll using scissors. For continuous printing (if you will cut each page later), in **Auto Cut**, select **Yes**, or select **Print Cut Guideline**. (→P.363)		**Manual**		**NoYesPrint Cut Guideline**
Paper Cutting (→P.136)	Choose this option if you want to cut pages by pressing Cutter Unit buttons for manual cutting after printing when the printer driver is configured to **Auto Cut** > **No** or **Print Cut Guideline**. Otherwise choose this option if you want to cut the roll edge after loading a roll.	**Paper Cutting**	**Yes**		**NoPrint Cut Guideline**

Note

- Automatic and Eject are valid only when you have specified **Auto Cut** > **Yes** in the printer driver.
- With Eject, printing does not resume after a series of jobs have been printed continuously until the roll is cut.

Cut rolls manually in the following cases:

Eject (waiting for ink to dry after printing)

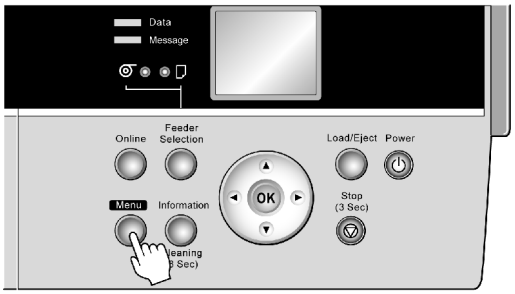


Select **Eject** | Print | Stopped automatically at the cut position | As you support the document to prevent it from dropping, cut by pressing the **Stop** button

Important

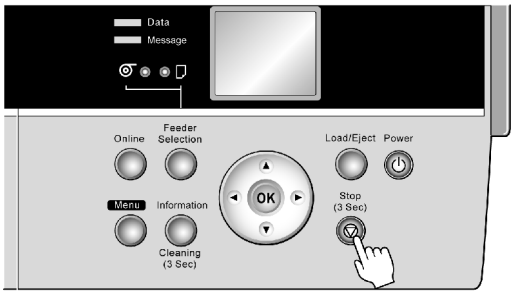
- When cutting wide printed documents after ejection, support the documents. If the paper drops, printed documents may be damaged.
- Do not lift the paper when holding printed documents before cutting. If the paper rises, it may affect the printing quality.

1. Press the **Menu** button to display **MAIN MENU**.

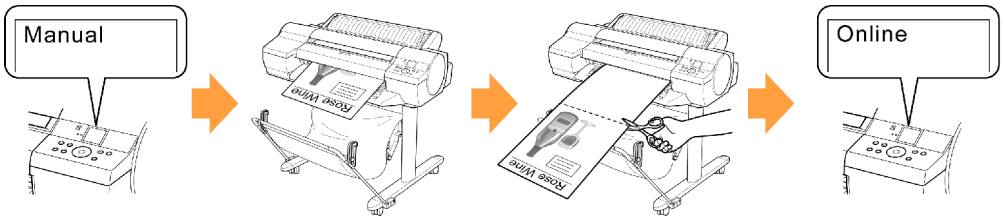


2. Press ▲ or ▼ to select **Paper Details**, and then press the ► button.
3. Press ▲ or ▼ to select the type of paper, and then press the ► button.
4. Press ▲ or ▼ to select **Cutting Mode**, and then press the ► button.
5. Press ▲ or ▼ to select **Eject**, and then press the **OK** button.
6. Start printing.

   Roll paper is fed to the specified cut position and then automatically stopped.
7. As you support the printed document to prevent it from dropping, hold down the **Stop** button for at least a second to cut the roll.

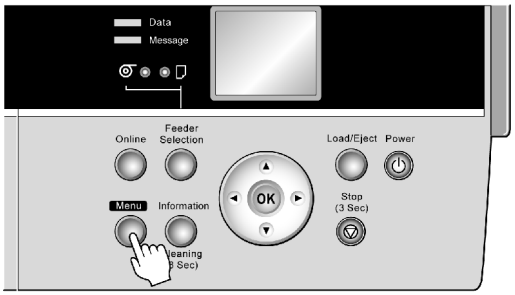


Manual (when using media that cannot be cut using the Cutter Unit)



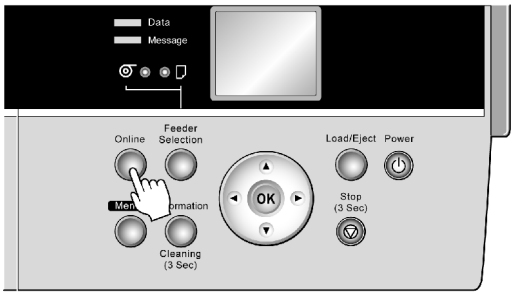
Select **Manual** | Print | Feed paper to the cut position by pressing the **Online** button and cut manually | Rewind paper by pressing the **Online** button

1. Press the **Menu** button to display **MAIN MENU**.



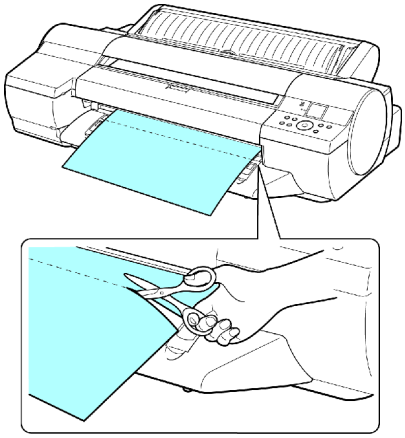
2. Press ▲ or ▼ to select **Paper Details**, and then press the ► button.
3. Press ▲ or ▼ to select the type of paper, and then press the ► button.
4. Press ▲ or ▼ to select **Cutting Mode**, and then press the ► button.
5. Press ▲ or ▼ to select **Manual**, and then press the **OK** button.
6. Start printing.

   The printer stops advancing the paper after printing.
7. Press the **Online** button.

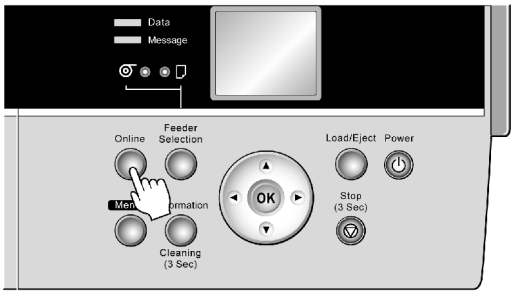


Roll paper is fed to the specified cut position and then automatically stopped.

8. Use scissors to cut the roll paper along the cut line.

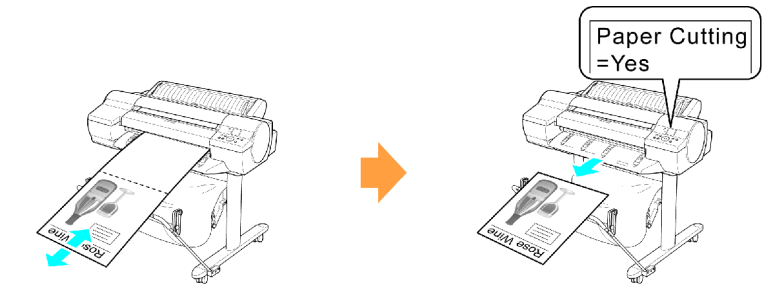


9. Press the **Online** button.



The roll is rewound, and rewinding stops automatically.

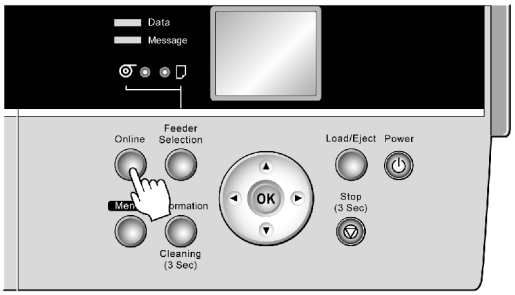
Paper Cutting (to have the roll cut at your specified position)



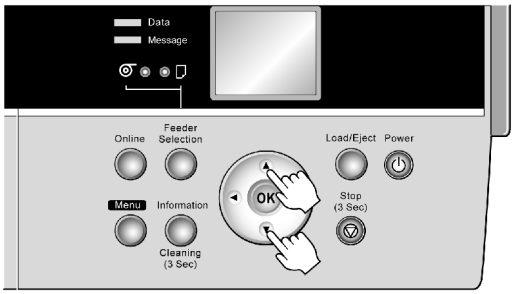
Feed paper the cutting position by pressing ▲or ▼

Paper Cutting

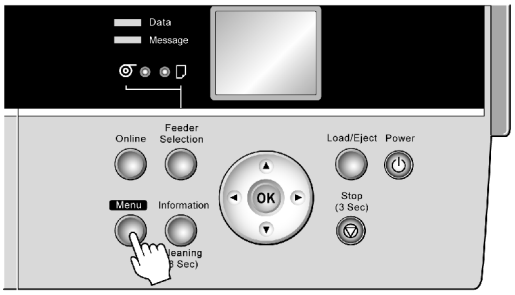
1. If the printer stops operating after printing, press the **Online** button. The printer goes offline.



2. Press ▲ or ▼ to feed the roll paper to the position for cutting.



3. Press the **Menu** button to display **MAIN MENU**.



4. Press ▲ or ▼ to select **Paper Cutting**, and then press the ► button.
5. Press ▲ or ▼ to select **Yes**, and then press the **OK** button.
   After the roll paper is cut, it is rewound automatically.

Caution

- If paper would be short when cut at a particular position, the roll may automatically be advanced in some cases before cutting.

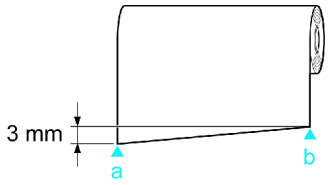
Cutting the Leading Edge of Roll Paper Automatically

If the leading edge of a roll is crooked or warped, it may cause an error message or printing problems. In this case, set **Trim Edge First** to **Automatic** or **On** on the Control Panel to have the printer cut the leading edge to make the edge straight after you load a roll.

Trim Edge First offers the following options.

- **Automatic**

  If the left and right side of the leading edge of the roll ((a) and (b)) are uneven by 3 mm (0.12 in) or more when you load the roll, the edge is cut an amount relative to the slant to ensure a straight edge, and scraps are removed. The edge is not cut if the unevenness is less than 3 mm.

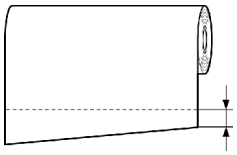


- **Off**

  The edge is not cut and scraps are not removed. This setting is **Off** for most types of paper, by default. For more information, see the Paper Reference Guide. (→P.104)

- **On**

  The leading edge is cut off when you load a roll, and scraps are removed. The amount of paper cut off from the leading edge varies depending on the paper type. For more information, see the Paper Reference Guide. (→P.104)

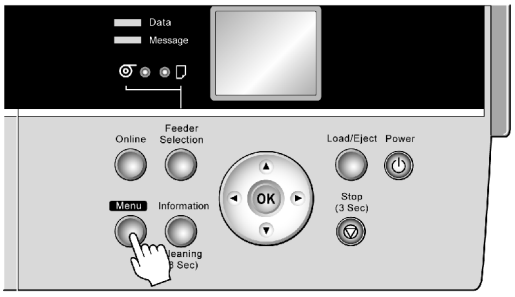


Note

- If you print on paper that has an irregular width, set **Skew Check Lv.** to **Loose** for a higher skew detection threshold or to **Off** to disable skew detection. However, if paper is loaded askew when detection is **Off**, note that paper jams or Platen soiling may occur.

Follow these steps to change the **Trim Edge First** setting.

1. Press the **Menu** button to display **MAIN MENU**.

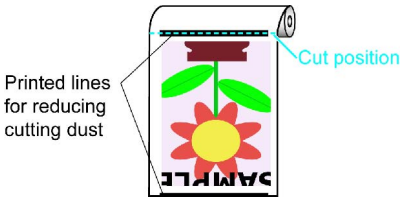


2. Press ▲ or ▼ to select **Paper Details**, and then press the ► button.
3. Press ▲ or ▼ to select the type of paper, and then press the ► button.
4. Press ▲ or ▼ to select **Trim Edge First**, and then press the ► button.
5. Press ▲ or ▼ to select the desired setting option, and then press the **OK** button.

   This setting takes effect the next time you load a roll.

Reducing Dust from Cutting Rolls

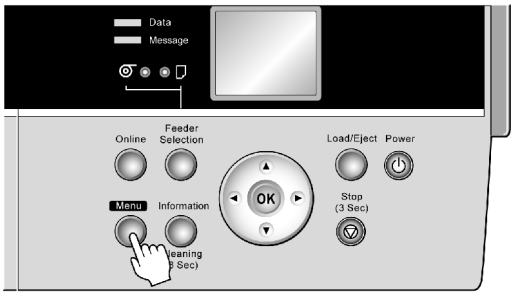
The printer is equipped with a function to reduce cutting dust for media such as Backlit Film that are more likely to generate debris when cut. This may improve printing quality and help prevent Printhead damage. You can set up this function to be activated for some types of paper.
When this function is activated, black lines are printed at the leading and trailing edges of documents.



Important

- Do not activate the function to reduce cutting dust for paper that wrinkles easily, such as Plain Paper or lightweight paper. This may impair cutting and cause paper jams.
- Borderless printing is not available when this function is activated. Deactivate this function before borderless printing.

1. Press the **Menu** button to display **MAIN MENU**.

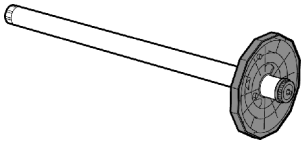


2. Press ▲ or ▼ to select **Paper Details**, and then press the ► button.
3. Press ▲ or ▼ to select the type of paper loaded in the printer, and then press the ► button.
4. Press ▲ or ▼ to select **CutDustReduct.**, and then press the ► button.
5. Press ▲ or ▼ to select **On**, and then press the **OK** button.
   The function to reduce cutting dust is now activated.

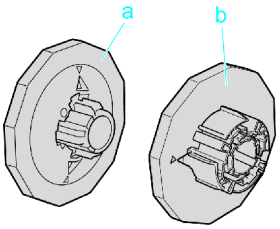
Roll Holder Set

A set of parts including a Roll Holder, Holder Stopper (for 2- and 3-inch paper cores), 3-Inch Paper Core Attachment, and Spacer for Borderless Printing (used for both 2- and 3-inch paper cores).
To load a roll with a 3-inch paper core, insert the 3-Inch Paper Core Attachment on the Roll Holder and attach the Holder Stopper for 3-inch paper cores. If you use an A1 (594 mm [23.4 in]) roll or A2 (420 mm [16.5 in]) roll for borderless printing, insert the Spacer for Borderless Printing on the Roll Holder.

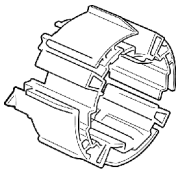
- Roll Holder Set RH2-24
  - Roll Holder



  - Holder Stopper (for 2- and 3-inch paper cores (a) and (b))



  - 3-Inch Paper Core Attachment



  - Spacer for Borderless Printing

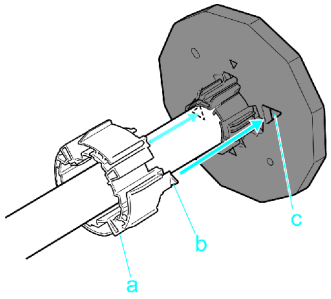


For instructions on installing these parts, see “Attaching Accessories to the Roll Holder”. (→P.140)

Attaching Accessories to the Roll Holder

Mounting the 3-Inch Paper Core Attachment

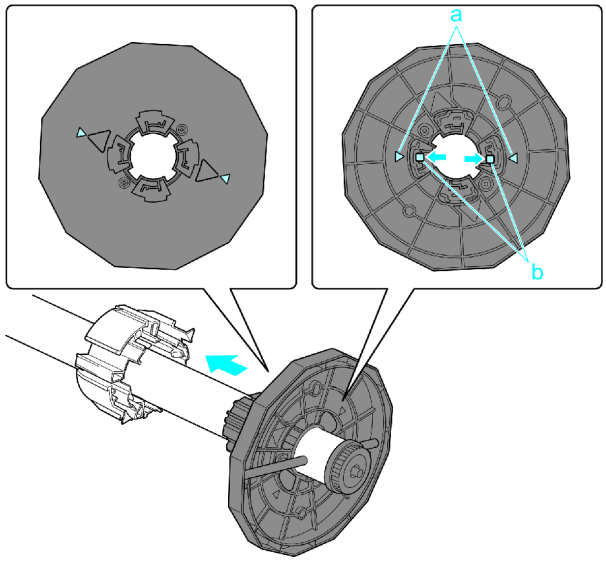
To load a roll with a 3-inch paper core, insert the 3-Inch Paper Core Attachment on the Roll Holder.
Align the triangular part (b) of the 3-Inch Paper Core Attachment (a) with the triangular groove (c) of the Roll Holder as shown, and insert the 3-Inch Paper Core Attachment into the Roll Holder.



Use the Holder Stopper for 3-inch paper cores.

Removing the 3-Inch Paper Core Attachment

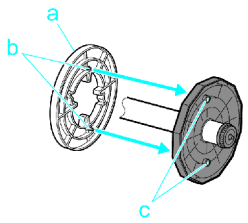
Spread the tips (b) of the 3-Inch Paper Core Attachment that protrude by the triangular label (a) of the Roll Holder as shown, and remove the 3-Inch Paper Core Attachment.



Attaching the Spacer for Borderless Printing

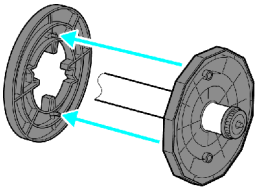
If you use an A1 or A2 roll for borderless printing, insert the provided Spacer for Borderless Printing on the Roll Holder.

Insert the protrusions (b) of the Spacer for Borderless Printing (a) into the holes (c) of the Roll Holder, as shown.



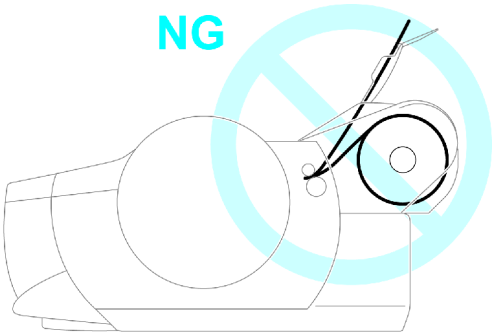
Removing the Spacer for Borderless Printing

Pull out the Spacer for Borderless Printing from the Roll Holder, as shown.



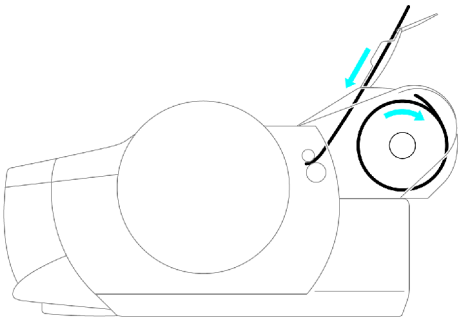
Feeding Paper from the Roll Feed Unit

The Paper Feed Slot used to feed roll paper is the same as the Paper Feed Slot used for the Top Paper Feed Slot, so both methods of feeding paper cannot be used at the same time.



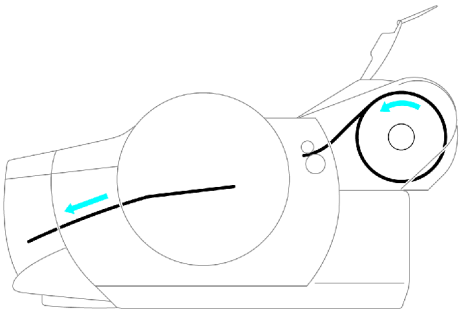
Thus, if a roll has been advanced when you wish to print from the Top Paper Feed Slot or Front Paper Feed Slot, change the paper source.

1. Select sheets as the paper source. (→P.112)
2. After **Remove roll?** is displayed, press the **OK** button.
   The roll is rewound automatically.



Similarly, if a sheet is in the Top Paper Feed Slot or Front Paper Feed Slot when you wish to print on a roll, you will need to remove the sheet from the slot and reinsert the roll paper (which has been rewound) in the Paper Feed Slot.

1. Select the roll as the paper source. (→P.112)
2. After **Eject sheet?** is displayed, press the **OK** button.
   The sheet is ejected automatically.

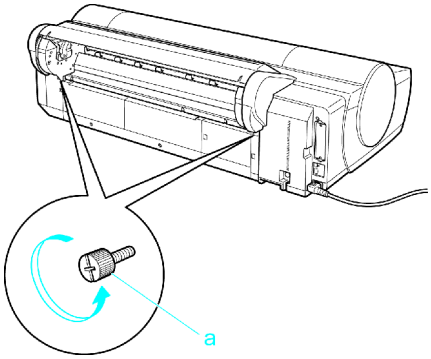


Removing the Roll Feed Unit

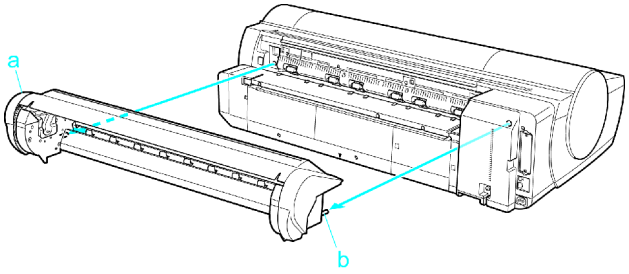
Important

- Always make sure the printer is off before removing the Roll Feed Unit.

1. Remove any rolls in the Roll Feed Unit. (→P.121)
2. Use a coin or screwdriver to loosen the screws (a) on both sides of the back of the Roll Feed Unit and remove the unit from the printer.



3. Hold the Roll Feed Unit by the Carrying Handles (a) as you remove the Roll Feed Unit from the printer.

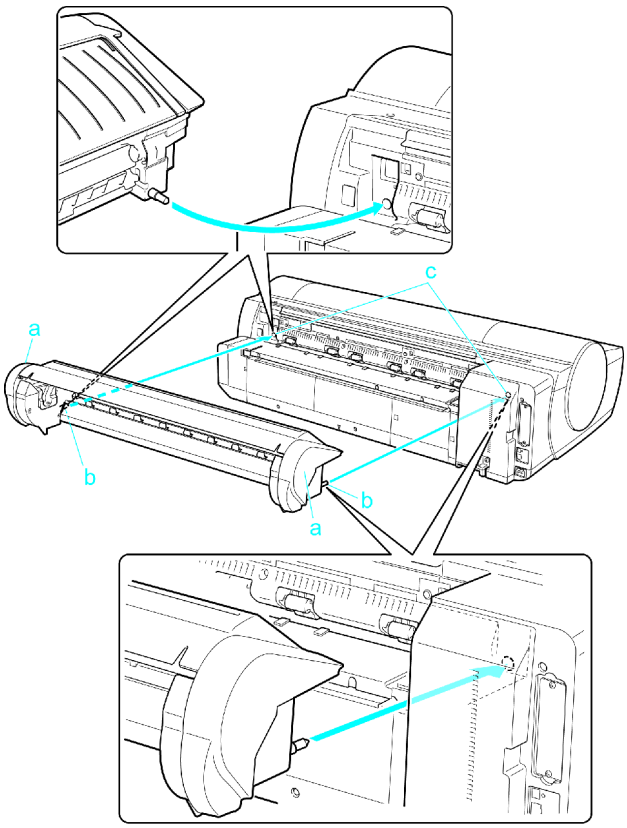


Installing the Roll Feed Unit

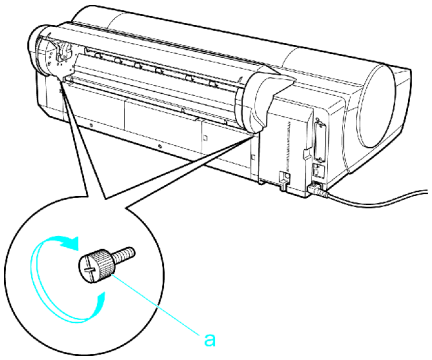
Important

- Always make sure the printer is off before attaching the Roll Feed Unit.

1. Holding the Roll Feed Unit by the Carrying Handles (a), insert the two pins of the Roll Feed Unit (b) into the each hole on the back of the printer (c).



2. Use a coin or screwdriver to tighten the two screws on the back of the Roll Feed Unit (a) to secure it to the printer.

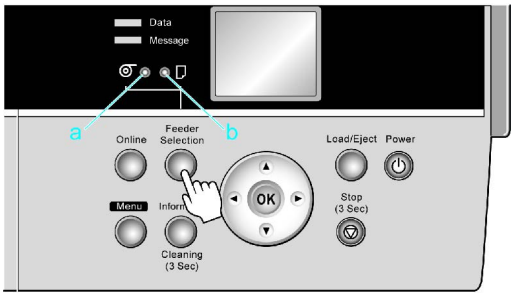


Handling sheets

Selecting the Paper Source

When advancing paper, press the **Feeder Selection** button and select the source.
You can determine the selected source by checking which lamp is lit-either the **Roll Media lamp** (a) or the **Cut Sheet lamp** (b).

- **Roll Media lamp** : Selected when printing on Roll Media.
- **Cut Sheet lamp** : Selected when printing on Sheets from the Top Paper Feed Slot or Front Paper Feed Slot.



Note

- If any paper is loaded that will not be used, a message is shown on the Display Screen (either **Remove roll?** or **Eject sheet?**) when you press the **Feeder Selection** button.
  To remove the paper, press the **OK** button. (→P.142)
- You cannot switch the paper source in the following situations:
  - When the Message lamp is flashing
    Check the message on the Display Screen and take action as necessary. (→P.681)
  - When the Data lamp is flashing
    Select the paper source after printing is finished.
  - When a printer menu operation is in progress
    Wait until the operation is finished before selecting the paper source.
  - When in the process of loading paper
    Finish loading the paper before selecting the paper source.
  - When in the process of replacing ink tanks
    Finish replacing the Ink Tank before selecting the paper source.
  - When the Top Cover is open
    Close the Top Cover before selecting the paper source.

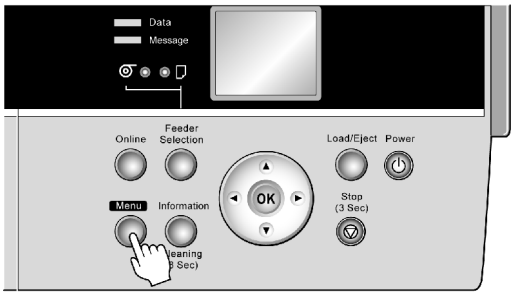
Selecting the Paper Type (Sheet)

When changing the type of paper after the paper has been advanced, specify the type of paper as follows.

Note

- After you press the **Feeder Selection** button to illuminate the **Cut Sheet lamp**, press the **Load/Eject** button to display a screen for selection of the paper type.
  Press ▲ or ▼ to select the type of paper, and then press the **OK** button to display a screen for selection of the paper size. (→P.147)
- If you have sent the print job from a computer beforehand, the screen for paper type and size selection is not displayed. Printing will start after the paper is advanced.

1. Press the **Menu** button to display **MAIN MENU**.

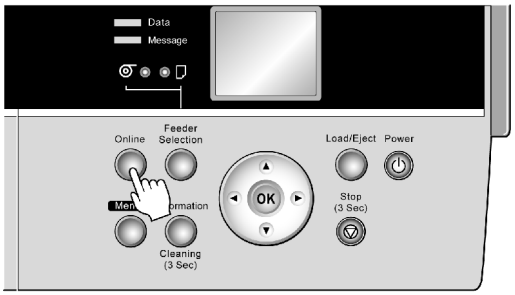


2. Press ▲ or ▼ to select **Media Menu**, and then press the ► button.
3. Press ▲ or ▼ to select **Manual PaperType**, and then press the ► button.
4. Press ▲ or ▼ to select the type of paper loaded in the printer, and then press the **OK** button.

Note

- Select **POP Board** when loading heavyweight paper.
- For details on paper types, see the Paper Reference Guide. (→P.104) Plain Paper is selected by factory default.
- Be sure to select the correct paper type. If this setting does not match the loaded paper, it may cause feed errors and affect the printing quality.

5. Press the **Online** button to bring the printer online.



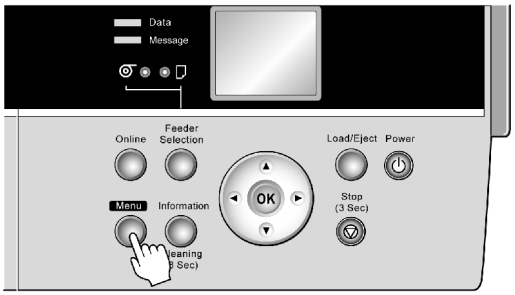
Selecting the Paper Size (Sheet)

To change the paper size after paper has been advanced, select the paper size as follows.

Note

- After you press the **Feeder Selection** button to illuminate the **Cut Sheet lamp**, press the **Load/Eject** button to display a screen for selection of the paper type automatically.
  Press ▲ or ▼ to select the type of paper, and then press the **OK** button to display a screen for selection of the paper size. Press ▲ or ▼ to select the paper size, and then press the **OK** button. The printer is now ready to advance the paper.
- If you have sent the print job from a computer beforehand, the screen for paper type and size selection is not displayed. Printing will start after the paper is advanced.

1. Press the **Menu** button to display **MAIN MENU**.

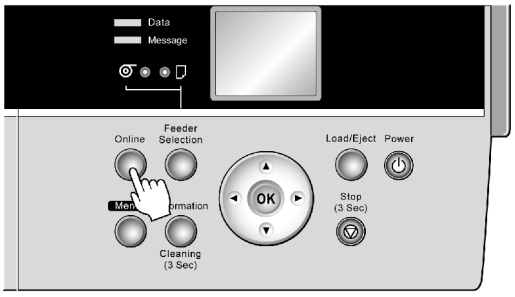


2. Press ▲ or ▼ to select **Media Menu**, and then press the ► button.
3. Press ▲ or ▼ to select **Manual PaperSize**, and then press the ► button.
4. Press ▲ or ▼ to select the size of paper loaded in the printer, and then press the **OK** button.

Note

- For details on paper sizes, see “Paper Sizes”. (→P.109)

5. Press the **Online** button to bring the printer online.



Loading Sheets Manually

When using the tray, load the paper in the Top Paper Feed Slot. (→P.148) However, if you have specified **POP Board**, insert the sheet in the Front Paper Feed Slot. (→P.150)

Loading paper in the Top Paper Feed Slot

Note

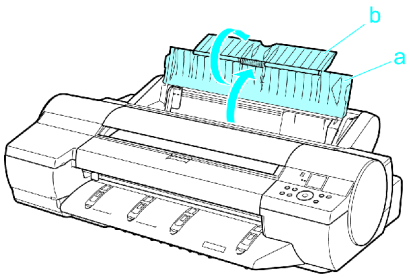
- You can load only one sheet in the Top Paper Feed Slot. Do not load more than one sheet at a time. This may cause paper jams.
- Store unused paper in the original package, away from high temperature, humidity, and direct sunlight.
- Paper that is wrinkled or warped may jam. If necessary, straighten the paper and reload it.
- Load the paper straight. Loading paper askew will cause an error.
- Before feeding paper or printing, make sure the sheet is flat against the Paper Tray Cover . The sheet may jam if it curls before feeding or printing and the trailing edge drops toward the front.
- If a roll is loaded, rewind the roll before this procedure. (→P.142)

1. If you send a print job specifying a paper other than **POP Board** from a computer beforehand, the type and size of paper are shown on the Display Screen. Press the **Load/Eject** button.

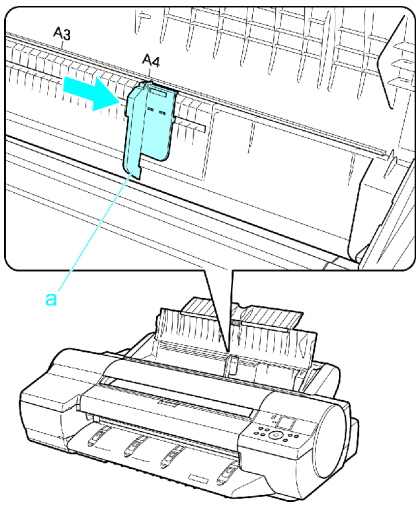
Note

- If you will load paper before sending a print job, press the **Load/Eject** button. After a menu for selection of the type of paper is shown on the Display Screen, press ▲ or ▼ to select the type of paper, and then press the **OK** button. Next, a menu for selection of the paper size is shown on the Display Screen. Press ▲ or ▼ to select the size of paper, and then press the **OK** button.

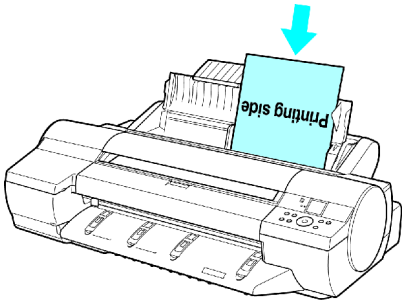
2. Open the Paper Tray Cover (a), and then open the Tray Extension (b).



3. Slide the Width Guide (a) to align it with the mark for the size of paper you will load.



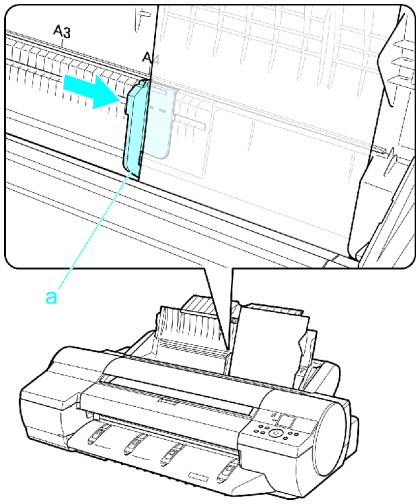
4. Load the paper in the Top Paper Feed Slot with the printing side face-up.
Insert the paper until its edge touches the far end of the tray lightly.



Caution

- If you load A2 or larger in the printer, the paper goes down on the back of the printer under its own weight. Therefore, place your hands on the paper till the paper is fed.

5. Move the Width Guide (a) to match the size of paper loaded.
Set the Width Guide against the edge of the paper to prevent the paper from becoming crooked or wrinkled.



6. Press the **OK** button to start feeding the paper.
After the paper is advanced and the printer goes online, printing starts automatically.
If no print job was received beforehand, the printer enters Standby mode.

Loading heavyweight paper in the Front Paper Feed Slot

Important

- Before loading heavyweight paper, change the media type setting to **POP Board**. After **POP Board** is selected as the type of paper, you can select Front Paper Feed Slot.
- Always load a **POP Board** in the Front Paper Feed Slot. Loading it another way may damage the printer or cause malfunction.

Note

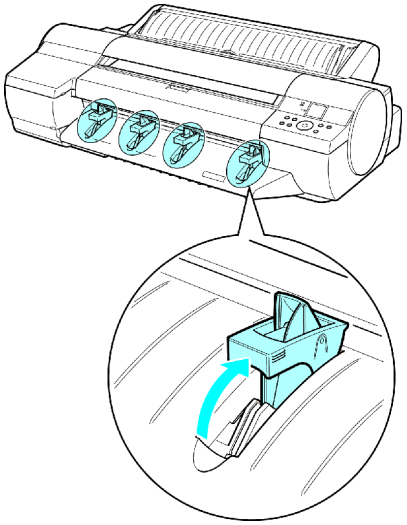
- You can load only one sheet of paper at a time.
- Store unused paper in the original package, away from high temperature, humidity, and direct sunlight.
- If the paper is warped, straighten it before loading it.
- Load the paper straight. Loading paper askew will cause an error.
- After loading the paper, you cannot move it laterally to reposition it. Be sure to load the paper straight.

1. If you send a print job specifying **POP Board** from a computer beforehand, the type and size of paper are shown on the Display Screen. Press the **Load/Eject** button.

Note

- If you will load heavyweight paper before sending a print job, press the **Load/Eject** button. After a menu for selection of the type of paper is shown on the Display Screen, press ▲ or ▼ to select **POP Board**, and then press the **OK** button. Next, a menu for selection of the paper size is shown on the Display Screen. Press ▲ or ▼ to select the size of paper, and then press the **OK** button.

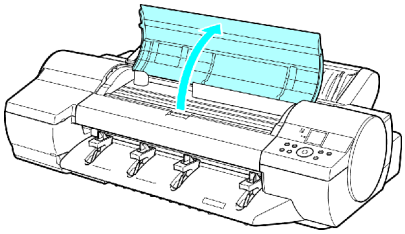
2. If **Leave 70cm (28") space behind printer.** is displayed, check the space behind the printer, lift the four Front Tray Guides on the Ejection Guide, and then press the **OK** button.



Note

- Sufficient space behind the printer is required when loading paper in the Front Paper Feed Slot. For details on the space required for installation, see “Specifications”. (→P.79)

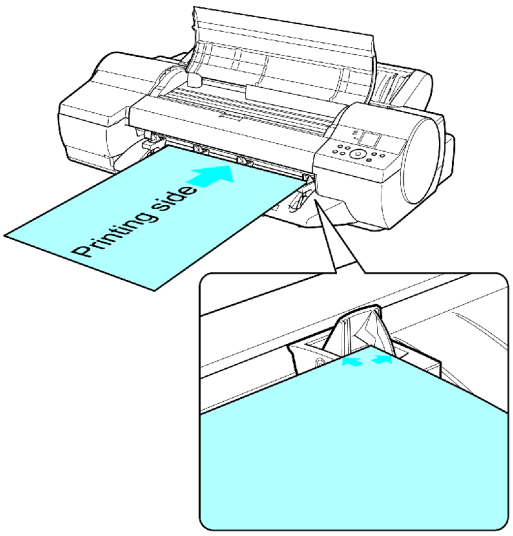
3. **Open Upper Cover** is displayed. At this point, open the Top Cover.



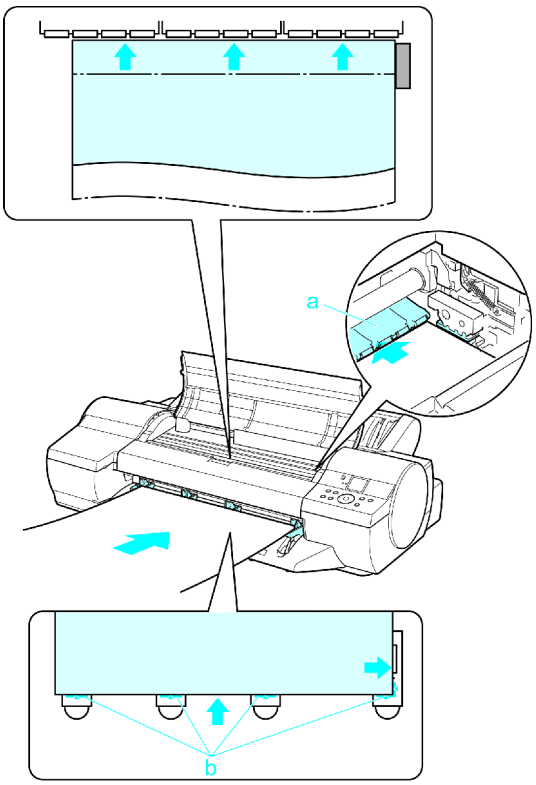
4. With the sheet printing-side up, place the leading edge on the Front Tray Guides and keep it flat as you insert it into the Front Paper Feed Slot.

Caution

- When loading paper in the Front Paper Feed Slot, keep it flat as you insert it into the slot. If you do not, the printing surface may be damaged.

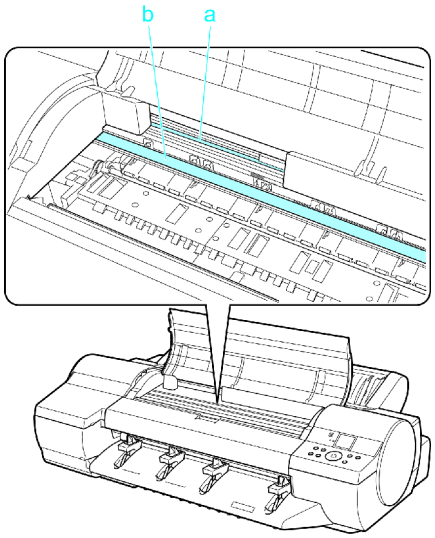


5. As you look inside the Top Cover, insert the leading edge of the paper between the Platen and Paper Retainer (a), keeping it parallel to the Paper Retainer (a), and align the paper with the Paper Alignment Line (b) of the Front Tray Guides.

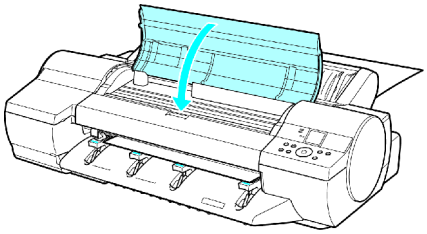


Important

- Never touch the Linear Scale (a) or Carriage Shaft (b). This may stain your hands and damage the printer.

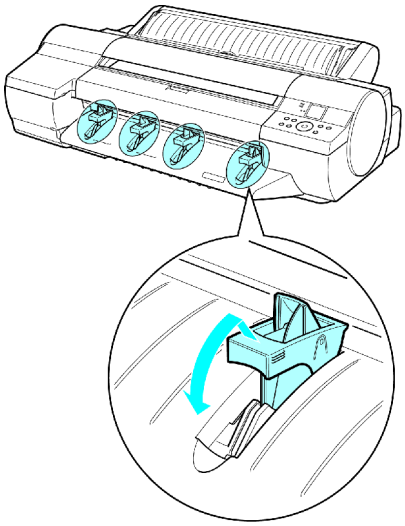


6. **Close top cover.** is displayed. At this point, close the Top Cover and press the **OK** button.



The paper is held between the Platen and Back Cover as it is fed.
After the paper is advanced and the printer goes online, printing starts automatically.
If no print job has been received from the computer beforehand, the printer enters Standby mode.

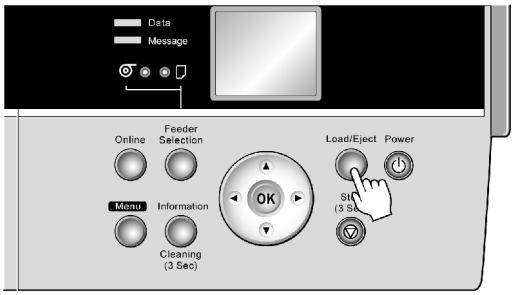
7. After printing, the printer will temporarily stop advancing the paper while the trailing edge is still in the rollers to prevent the sheet from dropping. Press the **Load/Eject** button to release the sheet. After pulling it straight out, press the **OK** button. (→P.155)
8. Lift the four Front Tray Guides on the Ejection Guide to store them toward the front, and then press the **OK** button.



Removing Sheets from the Top Paper Feed Slot

1. Press the **Load/Eject** button.

   A confirmation message is displayed regarding removal of the sheet.



Note

- Paper cannot be ejected by using the **Load/Eject** button when print jobs are in progress or during the ink drying period. Before ejecting paper, hold down the **Stop** button for a second or more to cancel printing, print job processing, or ink drying.

2. Press the **OK** button.

   The paper is ejected from the front of the printer.

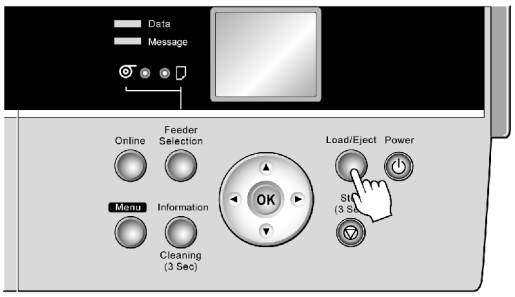
Caution

- If the trailing edge of the sheet is not ejected, pull the sheet toward the front to remove it, keeping it level. If you do not remove the sheet by pulling it straight forward and keeping it level, the printed surface may become scratched.

Removing Heavyweight Paper from the Front Paper Feed Slot

If you are printing heavyweight paper from the Front Paper Feed Slot, the printer will stop advancing the paper while the trailing edge is still in the rollers to prevent the sheet from dropping. In this case, remove the paper as follows.

1. Press the **Load/Eject** button.



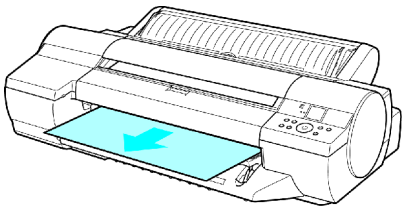
Note

- If you load paper from the Front Paper Feed Slot but press the **Load/Eject** button without printing, the printer will eject the paper and stop advancing it momentarily while the trailing edge is still in the rollers to prevent the sheet from dropping. Press the **Load/Eject** button again when you are ready to remove the paper.

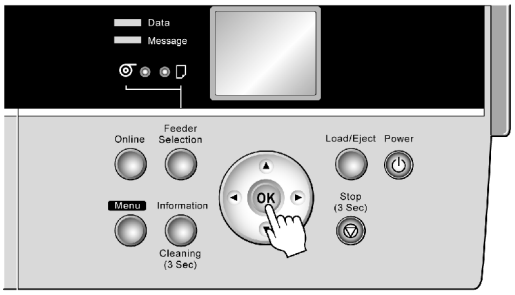
2. Remove the sheet by pulling it forward, keeping it flat.

Caution

- If you do not remove **POP Board** by pulling it straight forward and keeping it flat, the printed surface may become scratched.



3. Press the **OK** button.



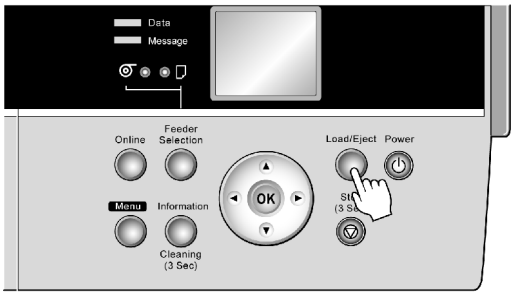
Caution

- Always remove the sheet before pressing the **OK** button. If you do not remove the sheet before step 3, the sheet may go back inside the printer, leaving roller marks across the trailing edge of the sheet.

Clearing Jammed Paper from the Tray

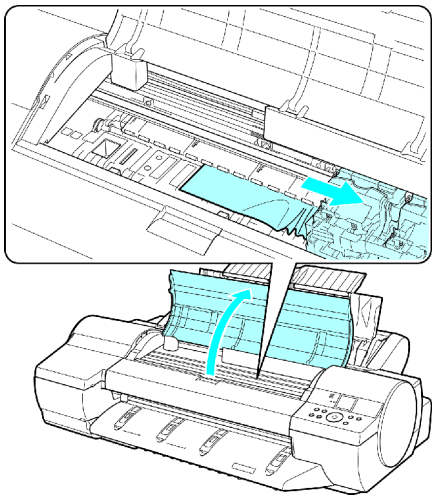
If a sheet loaded manually becomes jammed, **Paper jam.** is shown on the Display Screen of the Control Panel. Remove the jammed paper as follows.

1. Press the **Load/Eject** button.

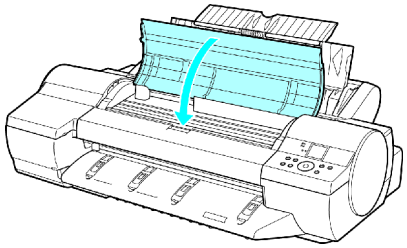


2. Remove the jammed paper.
   - If paper is jammed inside the Top Cover

   1. Open the Top Cover and move the Carriage to the side manually.

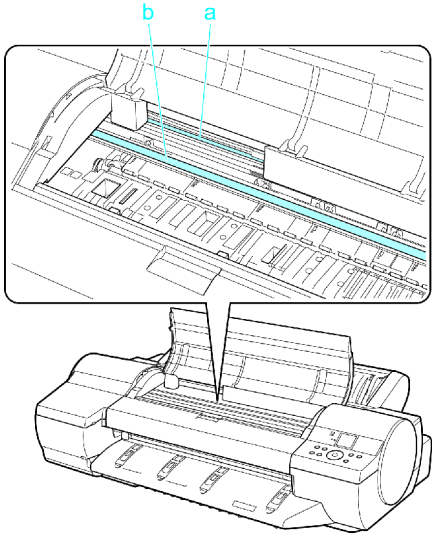


   2. Clear any jammed paper from inside the Top Cover.
      After removing the paper, make sure there are no other scraps of paper in the printer.
   3. Close the Top Cover.



Important

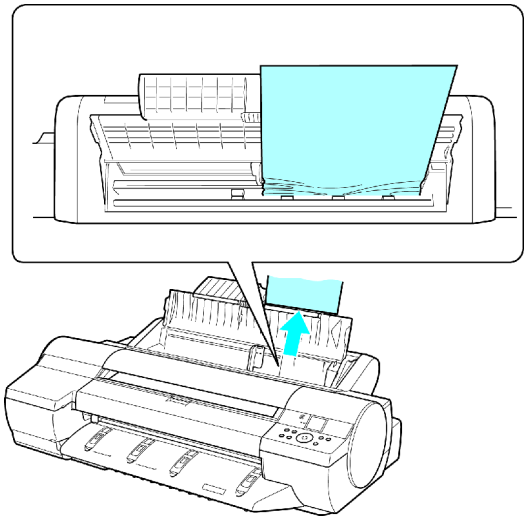
- Do not touch the Linear Scale (a) or Carriage Shaft (b). This may stain your hands and damage the printer.



- If paper is jammed by the Paper Feed Slot of the Top Paper Feed Slot

  Remove the jammed paper from the Paper Feed Slot.

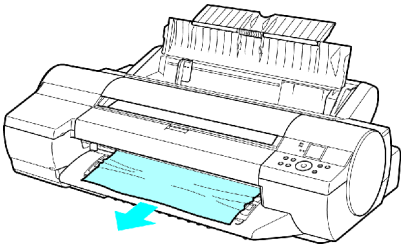
  After removing the paper, make sure there are no other scraps of paper in the printer. If paper is jammed deep in the Paper Feed Slot (→P.158), remove the Roll Feed Unit and clear the paper jam.



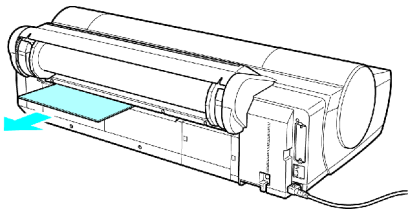
- If the paper is jammed by the Ejection Guide

  Remove the jammed paper from the Output Tray.

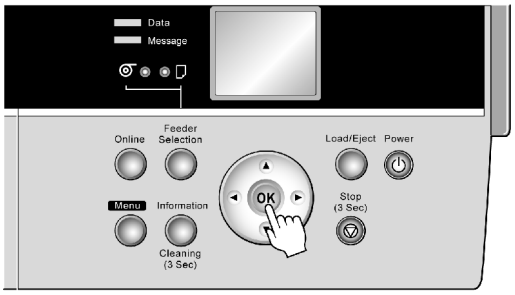
  After removing the paper, make sure there are no other scraps of paper in the printer.



- If paper is jammed in the back of the printer
  Remove the jammed paper from the back.
  After removing the paper, make sure there are no other scraps of paper in the printer.



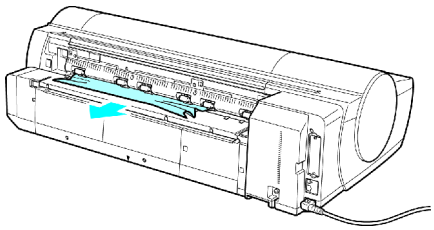
3. Press the **OK** button.



If paper is jammed deep in the Paper Feed Slot, remove the Roll Feed Unit and clear the paper jam as follows.

1. Turn off the printer and remove the Roll Feed Unit from the printer.
(→P.143)

2. Remove the jammed paper from the Paper Feed Slot.



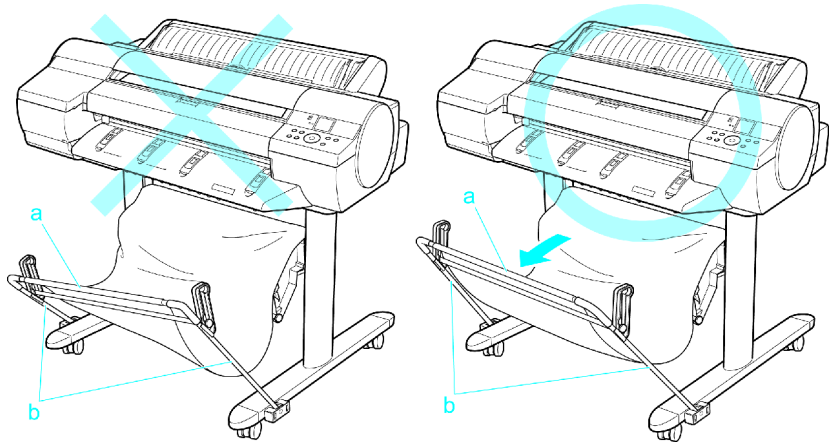
After removing the paper, make sure there are no other scraps of paper in the printer.

3. Install the Roll Feed Unit on the printer again.
(→P.144)

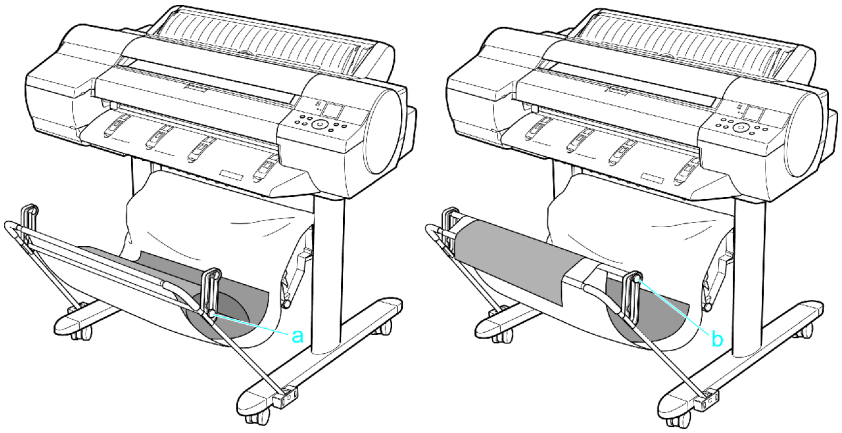
Output Stacker

Output Stacker Precautions

When you print on rolls, you can use the Output Stacker to hold ejected printouts.
When you use the Output Stacker (b), push down Basket Rod #1 fully toward the front, keeping it even on the left and right so that Basket Rod #2 (a) is not slanted.



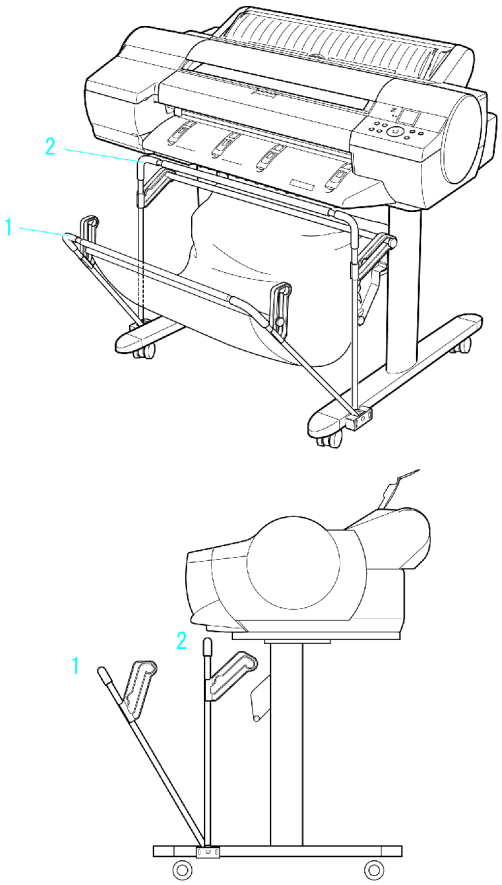
The Output Stacker can accommodate one sheet. Remove each sheet before printing if you are printing a series of documents.
Use the Output Stacker in the normal position (a). However, for some types of media, you can use the stacker in the extended position (b). This position enables printed documents to be removed more easily.
For information on types of paper you can use with the stacker in the extended position, refer to the Paper Reference Guide. (→P.104)



Using the Output Stacker

This topic describes how to use the Output Stacker.

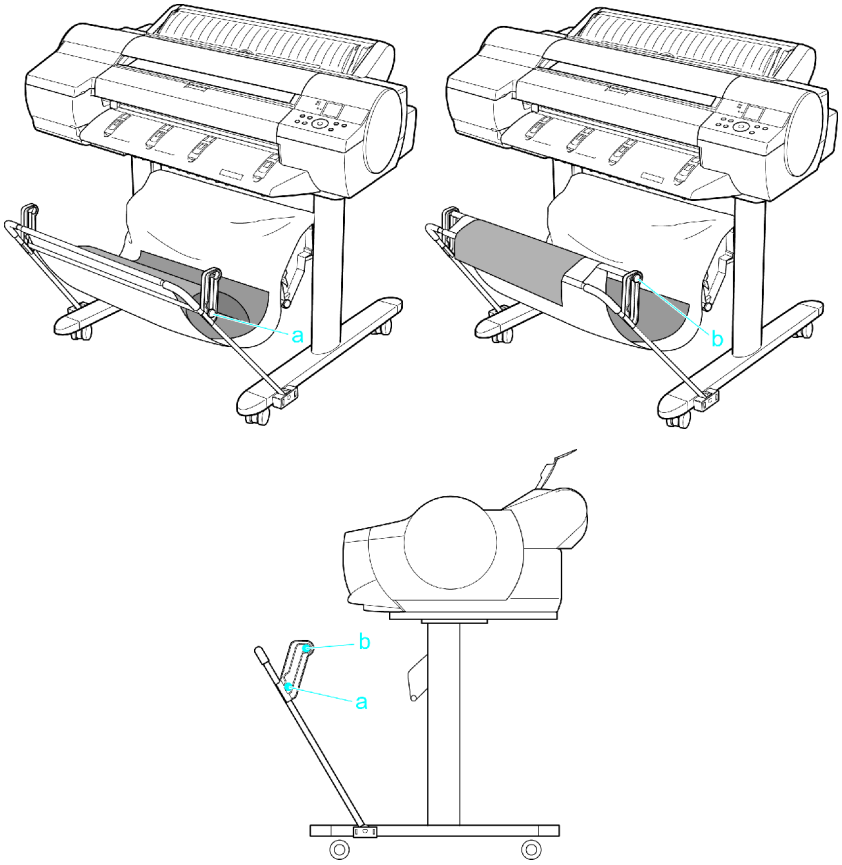
When storing documents on the Output Stacker, use the stacker in position (1).
When the Output Stacker is not used, fold the stacker to stow it in position (2).



Important

- When storing printed documents on the Output Stacker, always use it in position (1). If you do not, printed documents may not be dropped into the Output Stacker, and the printed surface may become soiled.
- The Output Stacker can accommodate one sheet. When printing multiple pages, remove each sheet after it is printed.

Use the Output Stacker in the normal position (a).
However, for some types of paper, you can use the stacker in the position for easy removal (b). To switch the stacker to the position for easy removal, move the Support Rod to the position (b). This position enables printed documents to be removed more easily.
For information on types of paper you can use with the stacker in the extended position, refer to the Paper Reference Guide. (→P.104)



Working With Various Print Jobs

Printing Photos and Images

Printing Photos and Images

Printing is easy when you simply choose the print target.

Easy Settings

Simply choose the printing application in the list for optimal printing results.

Print Target

Choose presets that match the type of document to be printed.

Print targets for photos and images

	Print Target	Description
	Highest Quality	Setting optimized for printing at the highest level of quality.
	Draft	Setting optimized for high-speed draft printing.
	Photo (Standard)	Setting optimized for printing photographic images from digital cameras.
	Photo (Adobe RGB)	Setting optimized for printing in colors matching those of images created using the Adobe RGB color space.
	Photo (Monochrome)	Setting optimized for printing monochrome photos in the neutral black image tone of conventional film photographs.
	Poster (Photos)	Suitable for printing posters composed mainly of photographs.

	Print Target	Description
	Poster (Text, Illustrations)	Setting optimized for printing vivid, eye-catching store posters combining images and text.
	Scanned Image	Setting optimized for printing scanned images with accurate color reproduction to match the original images.

Caution

- Depending on the **Media Type** setting, some **Print Target** options may not be available.

Note

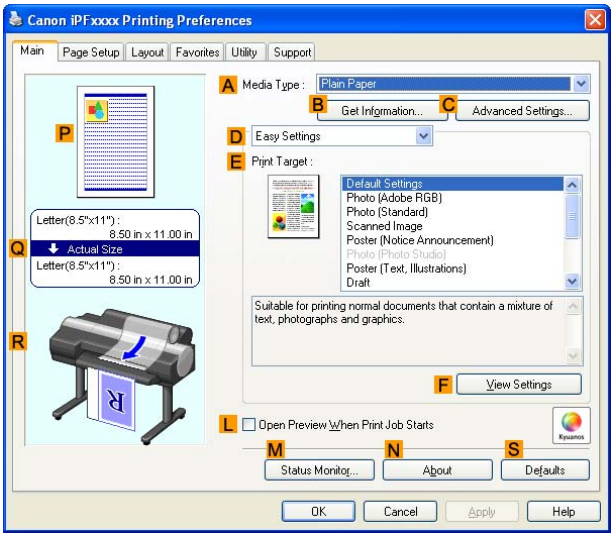
- You can check the settings values for each print target by clicking **View Settings**.
- You can also fine-tune these values as needed. (Advanced Settings)
  For details on Advanced Settings, see “Giving Priority to Particular Graphic Elements and Colors for Printing”. (→P.212)
- For instructions on printing photos and images, refer to the following topics, as appropriate for your computer and operating system.
  - Printing Photos and Images (Windows) (→P.164)
  - Printing Photos and Images (Mac OS X) (→P.166)

Printing Photos and Images (Windows)

This topic describes how to print photos based on the following example.

- Document: Photo image from a digital camera
- Page size: 10×12 inches (254.0×304.8 mm)
- Paper: Roll
- Paper type: Glossy Photo Paper
- Roll paper width: 10 inches (254.0 mm)

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
3. Make sure the **Main** sheet is displayed.



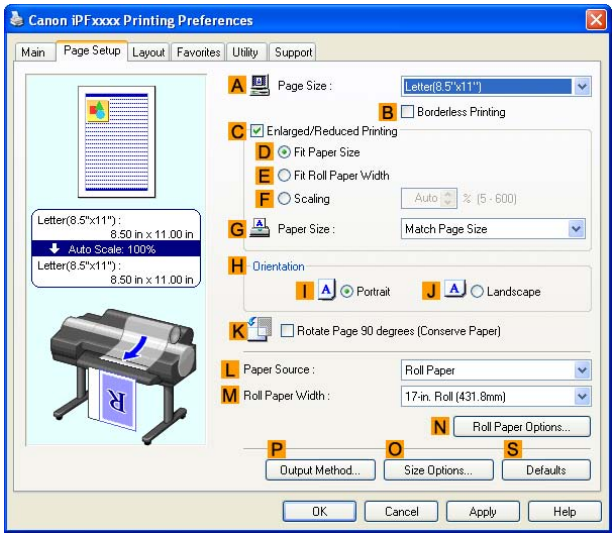
4. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Glossy Photo Paper.
   In the A **Media Type**, choose the type of paper used for printing, such as Glossy Paper, Coated Paper, and so on. Make sure the paper you select is loaded in the printer.

   Note
   - The paper type setting in the printer driver and related software (as well as on the Control Panel) is updated when you install the Media Configuration Tool from the User Software CD-ROM or if you change paper information by using the Media Configuration Tool. (See the Media Configuration Tool Guide (Windows) or Media Configuration Tool Guide (Macintosh).)

5. After confirming that D **Easy Settings** is selected, click **Photo (Standard)** in the E **Print Target** list.

   Note
   - You can check the settings values selected in the E **Print Target** list by clicking F **View Settings**.

6. Click the **Page Setup** tab to display the **Page Setup** sheet.



7. In the A **Page Size** list, click the size of the original as specified in the application. In this case, click **10"x12"**.
8. Click **Roll Paper** in the L **Paper Source** list.
9. Select the width of the loaded roll in the M **Roll Paper Width** list. In this case, click **10-in. Roll (254.0mm)**, and then click **OK**.
10. Specify additional printing conditions.
    For details on available printing conditions, see “Printer Driver Settings (Windows)”. (→P.380)
11. Confirm the print settings and print as desired.

Note

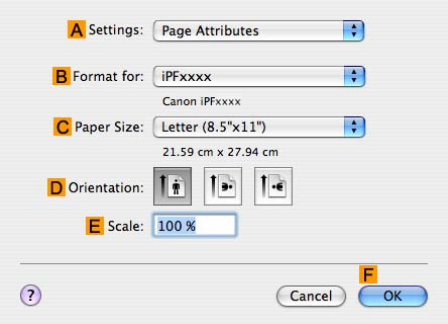
- For instructions on confirming print settings, see “Confirming Print Settings (Windows)”. (→P.384)

Printing Photos and Images (Mac OS X)

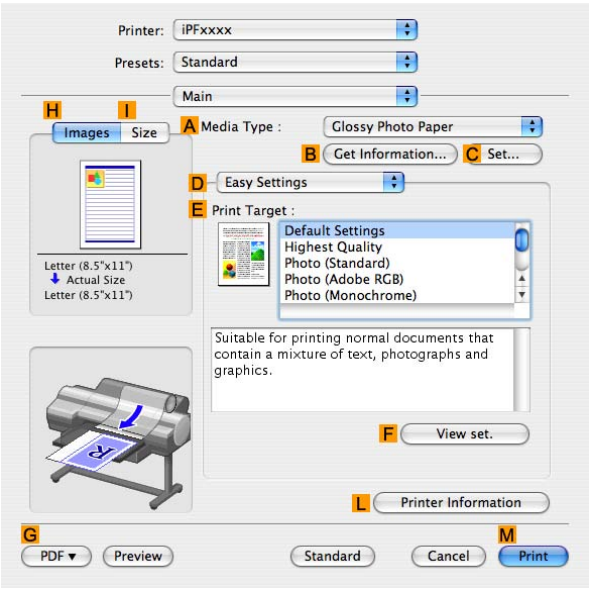
This topic describes how to print photos based on the following example.

- Document: Photo image from a digital camera
- Page Size: 10×12 inches (254.0×304.8 mm)
- Paper: Roll
- Paper Type: Glossy Photo Paper
- Roll paper Width: 10 inches (254 mm)

1. Choose **Page Setup** in the application menu to display the **Page Attributes** dialog box.



2. Select the printer in the B **Format for** list.
3. In the C **Paper Size** list, click the size of the original. In this case, click **10"x12"**.
4. Click F **OK** to close the dialog box.
5. Choose **Print** in the application menu.
6. Access the **Main** pane.



7. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Glossy Photo Paper.

   Make sure the paper you select is loaded in the printer.

Note

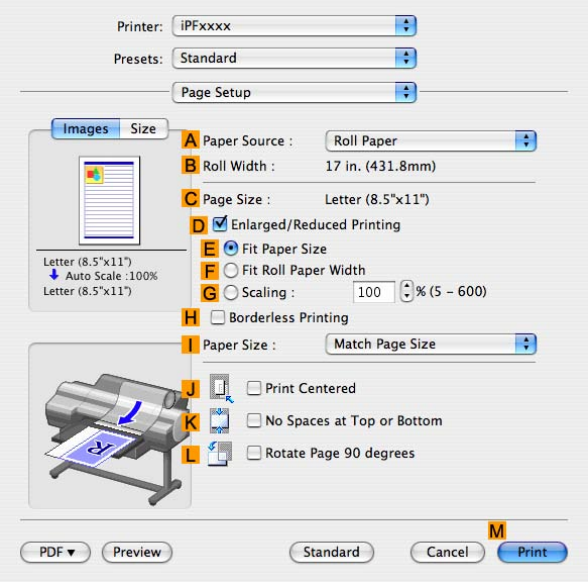
- The paper type setting in the printer driver and related software (as well as on the Control Panel) is updated when you install the Media Configuration Tool from the User Software CD-ROM or if you change paper information by using the Media Configuration Tool. See the Media Configuration Tool Guide (Windows) or Media Configuration Tool Guide (Macintosh).

8. After confirming that **D Easy Settings** is selected, click **Photo (Standard)** in the **E Print Target** list.

Note

- You can check the settings values selected in the **E Print Target** list by clicking **F View set.**.

9. Access the **Page Setup** pane.

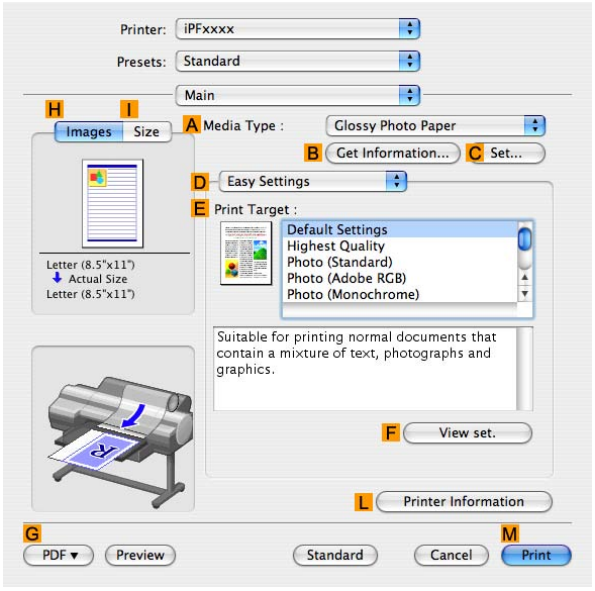


10. Click **Roll Paper** in the **A Paper Source** list.

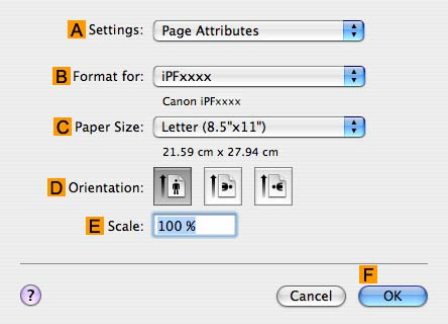
11. Make sure the width of the loaded roll is displayed in the **B Roll Paper Width** list in this case, **10 in. (254.0mm)**.

Note

- If the width of the loaded roll is not displayed in **B Roll Paper Width**, click **L Printer Information** on the **Main** pane and update the printer information.



12. Make sure C **Page Size** on the **Page Setup** pane shows the original size as specified in C **Paper Size** in the **Page Attributes** dialog box-in this case, **10"x12"**.



13. Specify additional printing conditions.
For details on available printing conditions, see “Printer Driver Settings (Mac OS X)”. (→P.433)

14. Confirm the print settings, and then click M **Print** to start printing.

Note

- For tips on confirming print settings, see “Confirming Print Settings (Mac OS X)”. (→P.436)

Printing Photos in Monochrome

The following settings are available for monochrome printing.

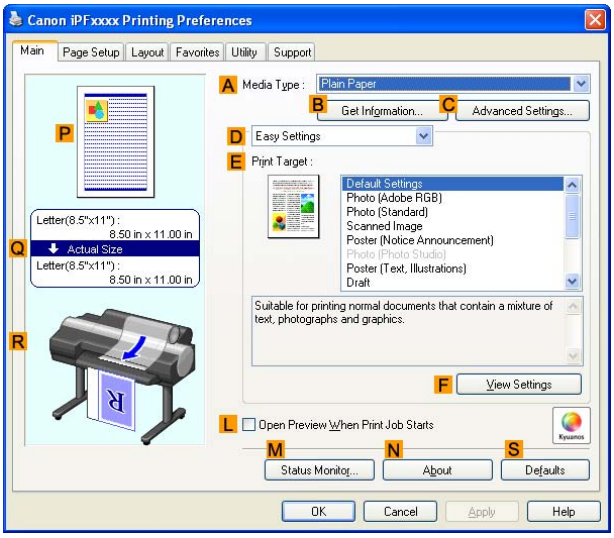
Main	**Easy Settings**	**Print Target**	**Photo (Monochrome)**	A mode optimized for printing monochrome images with maximum expressiveness through simple operations. Choosing **Photo (Monochrome)** in **Easy Settings** applies image processing to keep color ink use to an absolute minimum, suppressing color shift and achieving consistent gray balance. • **Photo (Monochrome)** is not available for all types of paper. • Printing that matches the pure neutral black of conventional photos (silver-halide prints) is possible. Printing Photos in Monochrome (Windows) (→P.170) Printing Photos in Monochrome (Mac OS X) (→P.172)
	Advanced Settings	**Color Mode**	**Monochrome (Photo)**	A mode for printing monochrome images with maximum expressiveness by specifying detailed settings. In these settings, you can specify to apply image processing to keep color ink use to an absolute minimum, suppress color shift, and achieve consistent gray balance. You can also fine-tune the color balance by selecting “Warm Black,” “Cool Black”, and so on. • Even more detailed adjustment is possible on the **Gray Adjustment** sheet. • **Monochrome (Photo)** is not available for all types of paper. Fine-Tuning Monochrome Settings When Printing Photos (Windows) (→P.175) Fine-Tuning Monochrome Settings When Printing Photos (Mac OS X) (→P.177)
			Monochrome	Deactivates color printing so that images are printed in monochrome, with continuous-tone color data printed using gray midtones. Use this mode to print office documents or graphics in monochrome, or if the paper is not compatible with the **Monochrome (Photo)** setting. • Even more detailed adjustment is possible on the **Color Adjustment** sheet. • If the paper is not compatible with the **Monochrome (Photo)** setting, choose **Monochrome**. • Because color ink is used to produce gray continuous-tone images, the gray may appear to have a tinge of color. Fine-Tuning Monochrome Settings When Printing Photos (Windows) (→P.175) Fine-Tuning Monochrome Settings When Printing Photos (Mac OS X) (→P.177)

Printing Photos in Monochrome (Windows)

This topic describes how to print photos in monochrome based on the following example.

- Original: Photo image from a digital camera
- Page size: 10×12 inches
- Paper: Roll
- Paper type: Glossy Photo Paper
- Roll paper width: 10 inches (254.0 mm)

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
3. Make sure the **Main** sheet is displayed.



4. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Glossy Photo Paper.
   In the A **Media Type** setting, choose the type of paper for printing, such as Glossy Paper, Coated Paper, and so on. Make sure the paper you select is loaded in the printer.

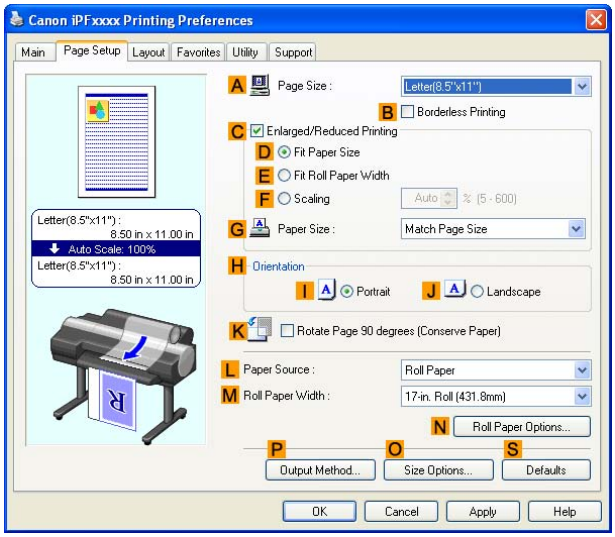
   Note
   - The paper type setting in the printer driver and related software (as well as on the Control Panel) is updated when you install the Media Configuration Tool from the User Software CD-ROM or if you change paper information by using the Media Configuration Tool. (See the Media Configuration Tool Guide (Windows) or Media Configuration Tool Guide (Macintosh).)

5. After confirming that D **Easy Settings** is selected, click **Photo (Monochrome)** in the E **Print Target** list.

   Caution
   - **Photo (Monochrome)** may not be available for all types of paper.

   Note
   - You can check the settings values selected in the E **Print Target** list by clicking F **View Settings**.

6. Click the **Page Setup** tab to display the **Page Setup** sheet.



7. In the A **Page Size** list, click the size of the original as specified in the application. In this case, click **10"x12"**.
8. Click **Roll Paper** in the L **Paper Source** list.
9. Select the width of the loaded roll in the M **Roll Paper Width** list. In this case, click **10-in. Roll (254.0mm)**, and then click **OK**.
10. Specify additional printing conditions.
    For details on available printing conditions, see “Printer Driver Settings (Windows)”. (→P.380)
11. Confirm the print settings and print as desired.

Note

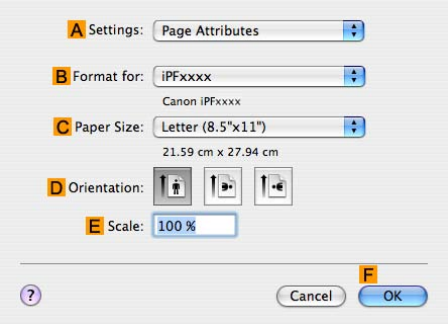
- For tips on confirming print settings, see “Confirming Print Settings (Windows)”. (→P.384)

Printing Photos in Monochrome (Mac OS X)

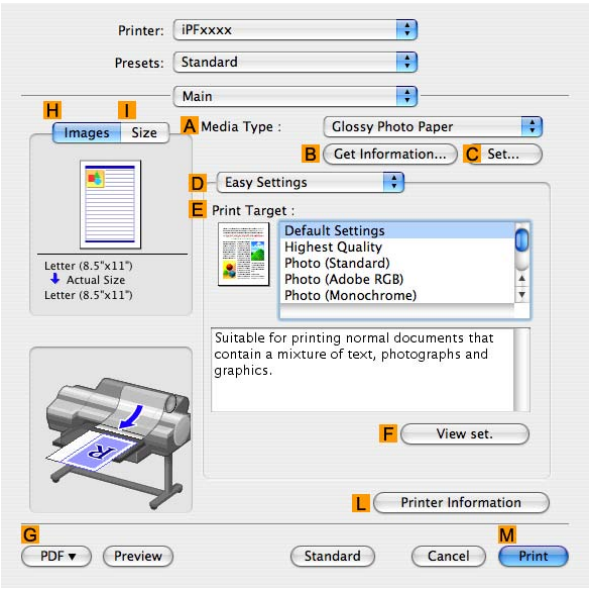
This topic describes how to print photos in monochrome based on the following example.

- Original: Photo image from a digital camera
- Page size: 10×12 inches
- Paper: Roll
- Paper type: Glossy Photo Paper
- Roll paper width: 10 inches (254.0 mm)

1. Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.



2. Select the print target in the B **Format for** list.
3. In the C **Paper Size** list, click the size of the original. In this case, click **10"x12"**.
4. Click F **OK** to close the dialog box.
5. In the source application menu, choose **Print**.
6. Access the **Main** pane.



7. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Glossy Photo Paper.

In the A **Media Type** setting, choose the type of paper for printing, such as Glossy Paper, Coated Paper, and so on. Make sure the paper you select is loaded in the printer.

Note

- The paper type setting in the printer driver and related software (as well as on the Control Panel) is updated when you install the Media Configuration Tool from the User Software CD-ROM or if you change paper information by using the Media Configuration Tool. (See the Media Configuration Tool Guide (Windows) or Media Configuration Tool Guide (Macintosh).)

8. After confirming that D **Easy Settings** is selected, click **Photo (Monochrome)** in the E **Print Target** list.

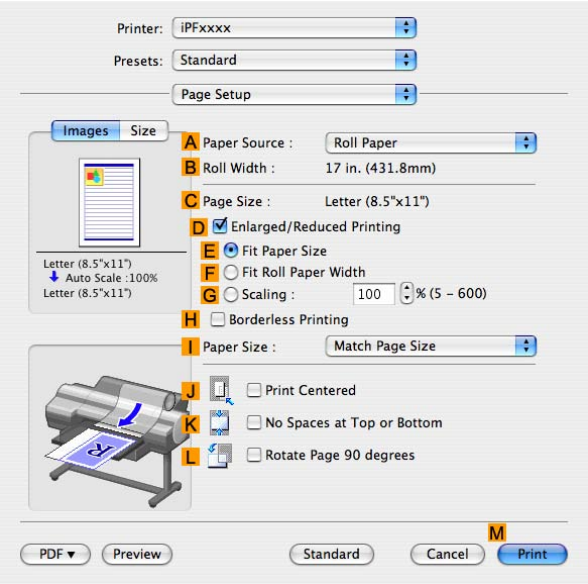
Caution

- **Photo (Monochrome)** may not be available for all types of paper.

Note

- You can check the settings values selected in the E **Print Target** list by clicking F **View set.**.

9. Access the **Page Setup** pane.

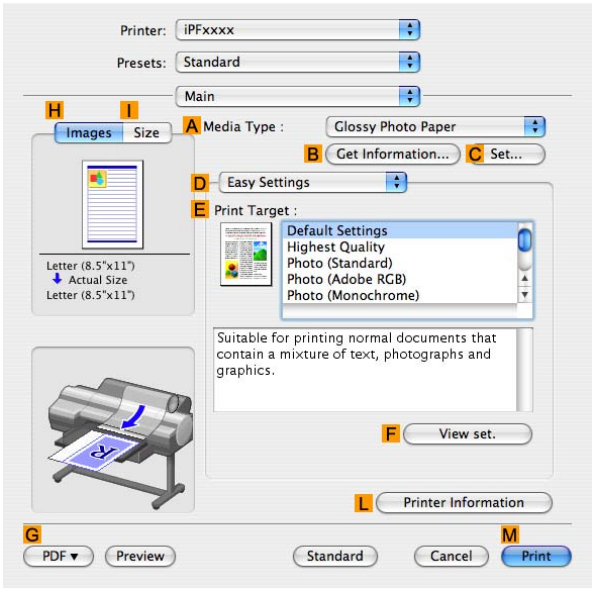


10. Click **Roll Paper** in the A **Paper Source** list.

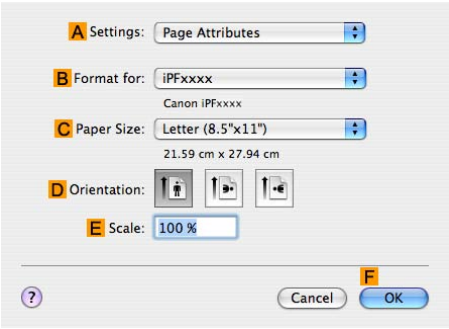
11. Make sure the width of the loaded roll is displayed in the **B** **Roll Paper Width** list-in this case, **10 in. (254.0mm)**.

Note

- If the width of the roll loaded in the printer is not shown in **B** **Roll Paper Width**, click **L** **Printer Information** on the **Main** pane to update the printer information.



12. Make sure **C** **Page Size** on the **Page Setup** pane shows the original size as specified in **C** **Paper Size** in the **Page Attributes** dialog box-in this case, **10"x12"**.



13. Specify additional printing conditions.

For details on available printing conditions, see “Printer Driver Settings (Mac OS X)”. (→P.433)

14. Confirm the print settings, and then click **M** **Print** to start printing.

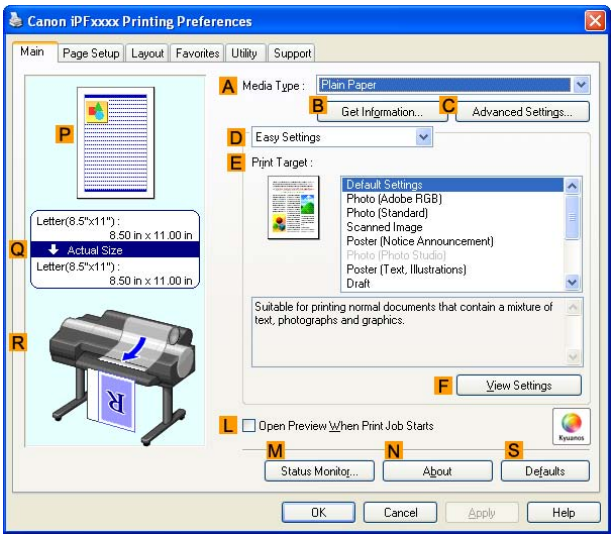
Note

- For tips on confirming print settings, see “Confirming Print Settings (Mac OS X)”. (→P.436)

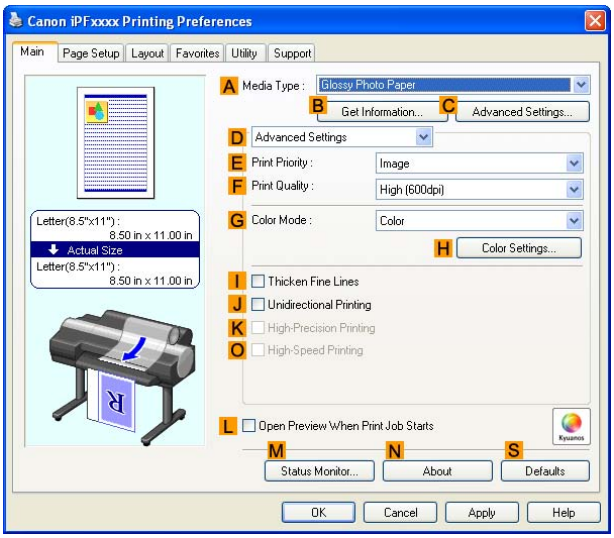
Fine-Tuning Monochrome Settings When Printing Photos (Windows)

You can specify your own print settings instead of using the **Print Target** presets. This topic describes how to fine-tune monochrome settings before printing.

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
3. Make sure the **Main** sheet is displayed.



4. In the A **Media Type** list, select the type of paper that is loaded.
5. Click D **Advanced Settings** to switch the print mode.

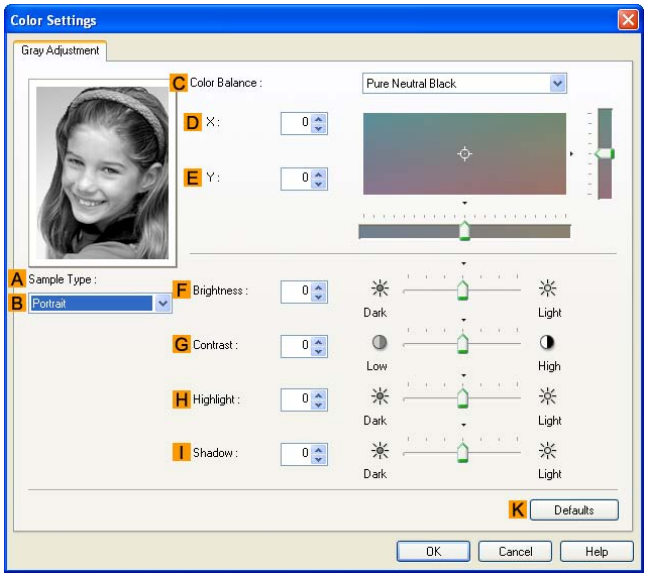


6. Click **Monochrome (Photo)** in the G **Color Mode** list.

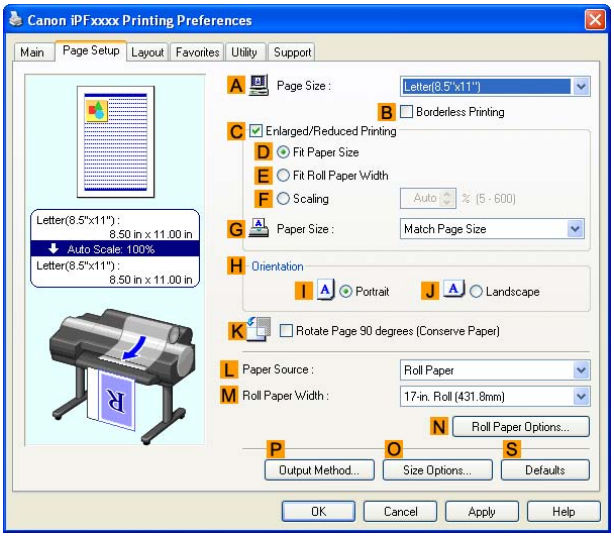
Note

- **Monochrome (Photo)** may not be available for all types of paper.

7. Click H **Color Settings** to display the **Color Settings** dialog box.



8. On the **Gray Adjustment** sheet, adjust the color tones, brightness, and so on as desired.
9. Close the **Color Settings** dialog box.
10. Click the **Page Setup** tab to display the **Page Setup** sheet.



11. Confirm the settings of A **Page Size**, L **Paper Source**, and so on.
12. Confirm the print settings and print as desired.

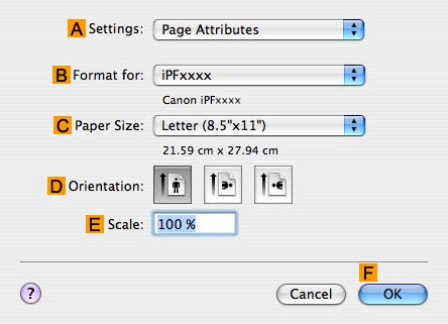
Note

- For tips on confirming print settings, see “Confirming Print Settings (Windows)”. (→P.384)

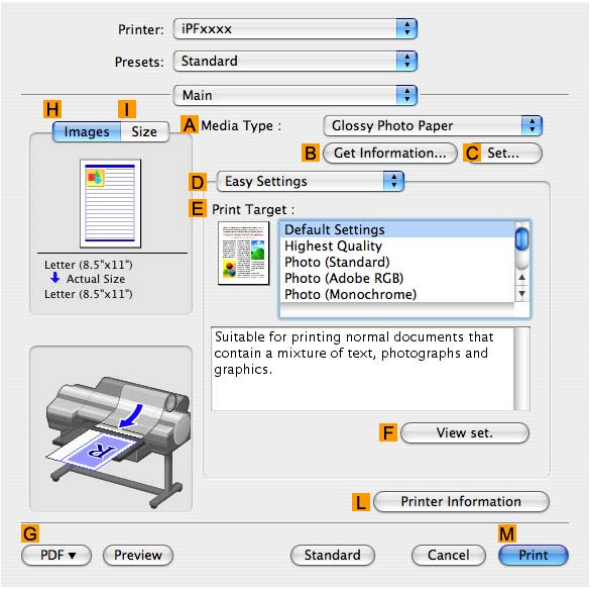
Fine-Tuning Monochrome Settings When Printing Photos (Mac OS X)

You can specify your own print settings instead of using the **Print Target** presets. This topic describes how to fine-tune monochrome settings before printing.

1. Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.

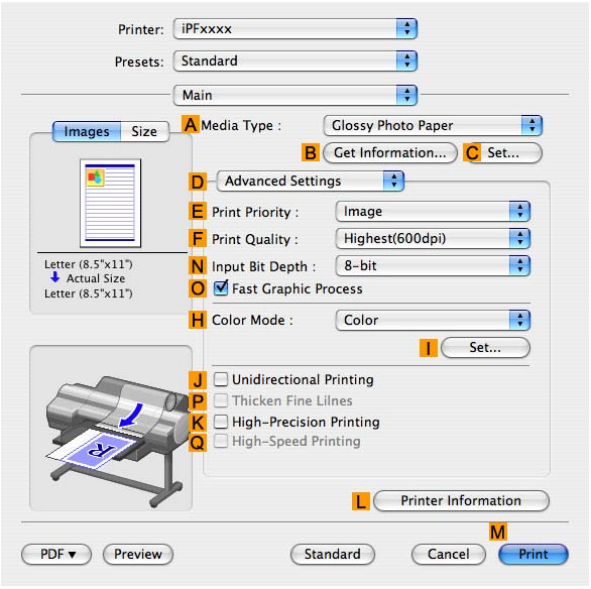


2. Select the print target in the B **Format for** list.
3. Choose the original size in the C **Paper Size** list.
4. Click F **OK** to close the dialog box.
5. In the source application menu, choose **Print**.
6. Access the **Main** pane.



7. In the A **Media Type** list, select the type of paper that is loaded.

8. Click D **Advanced Settings** to switch the print mode.

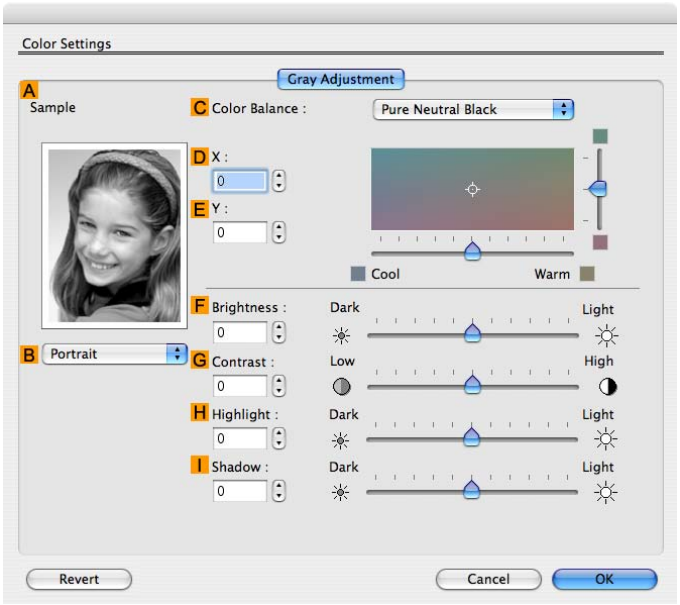


9. Click **Monochrome (Photo)** in the H **Color Mode** list.

Note

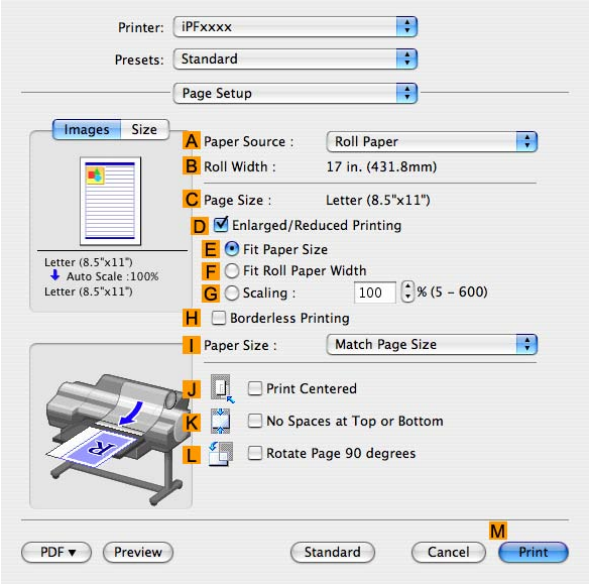
- **Monochrome (Photo)** may not be available for all types of paper.

10. Click I **Set** to display the **Color Settings** dialog box.



11. On the **Gray Adjustment** pane, adjust the color tones, brightness, and so on as desired.
12. Click **OK** to close the **Color Settings** dialog box.

13. Access the **Page Setup** pane.



14. Confirm the settings of **A** **Paper Source** and **C** **Page Size**.

15. Confirm the print settings, and then click **M** **Print** to start printing.

Note

- For tips on confirming print settings, see “Confirming Print Settings (Mac OS X)”. (→P.436)

Printing from Photoshop

You can print images in the Adobe RGB color space that you have created in Photoshop, the Adobe Systems photo retouching application. Using the dedicated Photoshop printer driver plug-in (provided with the printer) makes it easy to print Adobe RGB images more attractively.

- Using the Plug-in to Print (→P.180)
- Using the Printer Driver to Print (→P.180)

Using the Plug-in to Print

The imagePROGRAF Print Plug-In for Photoshop is a dedicated plug-in provided with the printer that you can load in Photoshop and customize for your printing needs. By using the plug-in, you can print while preserving the 16-bit RGB data from Photoshop without losing the exceptional color gradations of original image. Some of the settings and customizations available in the plug-in are as follows.

- Automatic detection of the color space (sRGB or Adobe RGB) for automatic selection of the optimal profile. This feature eliminates the need to complete intricate settings when printing Adobe RGB images.
- Advanced gray adjustment, including adjustment of tone curves, in addition to an array of standard adjustments for color balance, brightness, contrast, highlight, and shadow.
- Fine-tune color tones in Photoshop while viewing a preview that accurately reproduces printing results.
- With print log management, you can save and load setting parameters from past print jobs.

Note

- imagePROGRAF Print Plug-In for Photoshop for Windows and Macintosh are provided with the printer.

For instructions and details on which versions of Photoshop are compatible with the imagePROGRAF Print Plug-In for Photoshop, refer to the following topics, as appropriate for your computer and operating system.

- Print Plug-In (Windows)
- Print Plug-In (Macintosh)

Using the Printer Driver to Print

The printer driver offers the following settings and adjustments.

- Choose the standard sRBG color space or Adobe RGB as desired.
- Adjust the color balance, brightness, contrast, saturation, and gray levels.

For instructions on using the printer driver to print Adobe RGB images created in Photoshop, refer to the following topics, as appropriate for your computer and operating system.

- Printing Adobe RGB Images (Windows) (→P.181)
- Printing Adobe RGB Images (Mac OS X) (→P.184)

Printing Adobe RGB Images (Windows)

This topic describes how to print Adobe RGB images based on the following example.

- Document: Adobe RGB image created in Photoshop
- Page Size: 10×12 inches (254.0×304.8 mm)
- Paper: Roll
- Paper type: Glossy Photo Paper
- Roll Paper Width: 10 inches (254.0 mm)

Important

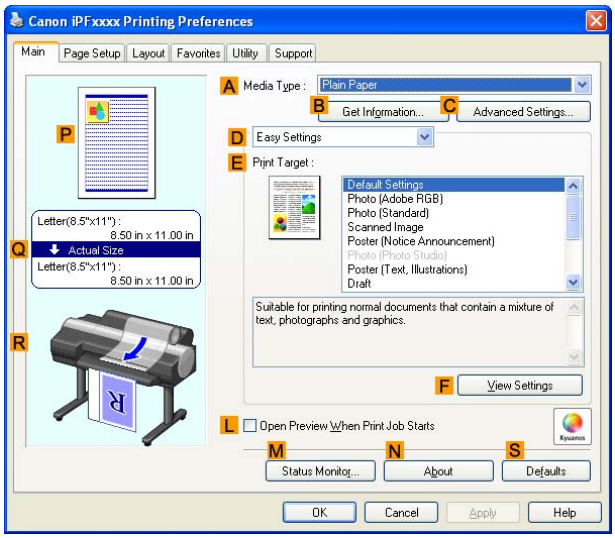
- In Photoshop, select no color-matching.
- In the printer driver settings, select **Driver Matching Mode** and choose **Adobe RGB** in **Color Space**.

1. In Photoshop, create an image in the Adobe RGB color space.

   Note

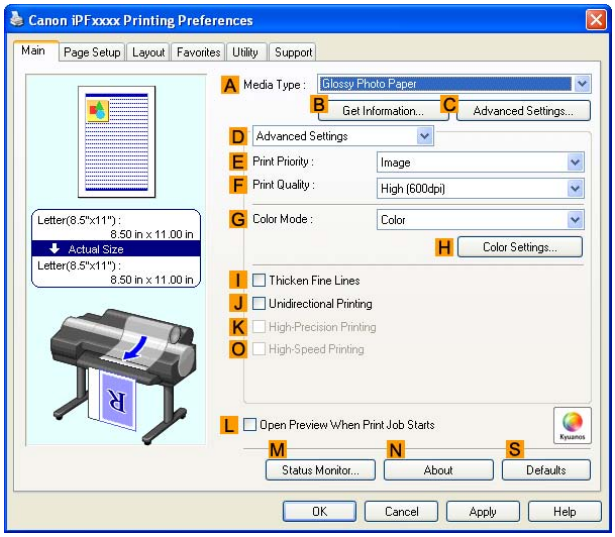
   - The following procedures are based on the example of Photoshop CS2.
   - For instructions on creating Adobe RGB images, refer to the Photoshop documentation.

2. Choose **Print with Preview** from the **File** menu to display the **Print** dialog box.
3. Make sure the setting mode is **Color Management**.
4. In the **Color Handling** list in **Options**, click **No Color Management**.
5. Click **Print** to display the **Print** dialog box.
6. Select the printer and click **Properties** to display the printer driver dialog box.
7. Make sure the **Main** sheet is displayed.



8. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Glossy Photo Paper.

9. Click **D Advanced Settings** to switch the print mode.

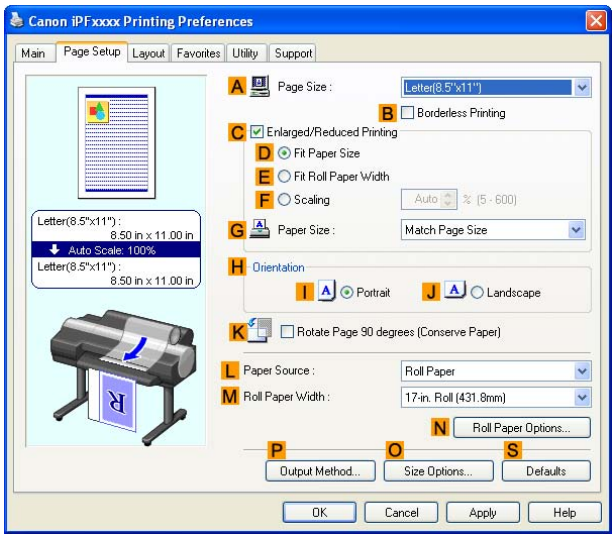


10. Click **Image** in the **E Print Priority** list.
11. Select the print quality in the **F Print Quality** list.

Note

- Options displayed in the **F Print Quality** list vary depending on the paper type.

12. Click **Color** in the **G Color Mode** list.
13. Click **H Color Settings** to display the **Color Settings** dialog box.
14. Click the **Matching** tab to display the **Matching** sheet.
15. In **Matching Mode**, click **Driver Matching Mode**.
16. In **Color Space**, click **Adobe RGB**.
17. Click **OK** to close the **Color Settings** dialog box.
18. Click the **Page Setup** tab to display the **Page Setup** sheet.



19. In the **A Page Size** list, click the size of the original as specified in the source application. In this case, click **10"x12"**.

20. Click **Roll Paper** in the L **Paper Source** list.
21. Select the width of the loaded roll in the **Roll Paper Width** list. In this case, click **10-in. Roll (254.0mm)**, and then click **OK**.
22. Confirm the print settings and print as desired.


Note

- For tips on confirming print settings, see “Confirming Print Settings (Windows)”. (→P.384)

Printing Adobe RGB Images (Mac OS X)

This topic describes how to print Adobe RGB images based on the following example.

- Document: Adobe RGB image created in Photoshop
- Page size: 10×12 inches (254.0×304.8 mm)
- Paper: Roll
- Paper type: Glossy Photo Paper
- Roll paper width: 10 inches (254.0 mm)

Important

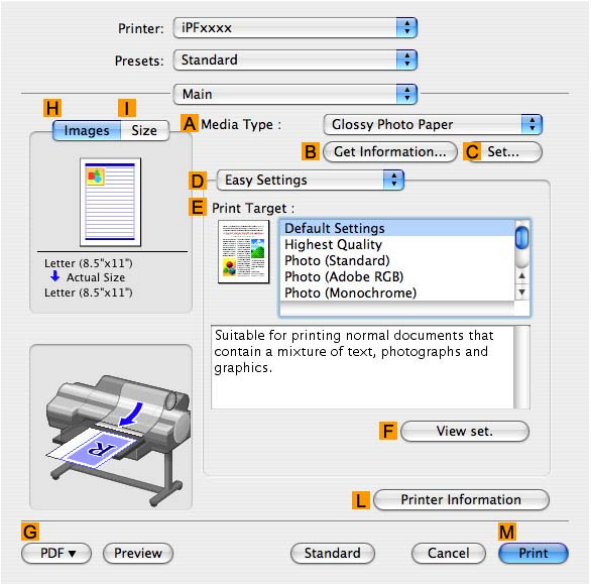
- In Photoshop, select no color-matching.
- In the printer driver settings, select **Driver Matching Mode** and choose **Adobe RGB** in **Color Space**.

1. In Photoshop, create an image in the Adobe RGB color space.

   Note

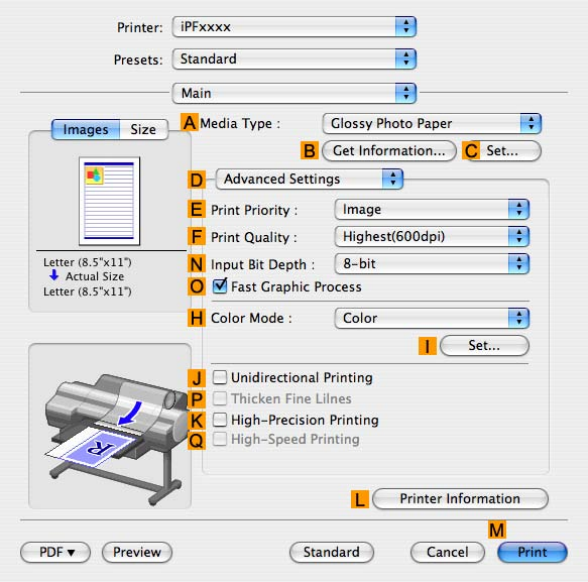
   - The following procedures are based on the example of Photoshop CS2.
   - For instructions on creating Adobe RGB images, refer to the Photoshop documentation.

2. Choose **Print with Preview** from the Photoshop menu to display the **Print** dialog box.
3. Make sure the setting mode is **Color Management**.
4. In the **Color Handling** list in **Options**, click **No Color Management**.
5. Click **Print**.
6. Access the **Main** pane.



7. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Glossy Photo Paper.

8. Click D **Advanced Settings** to switch the print mode.

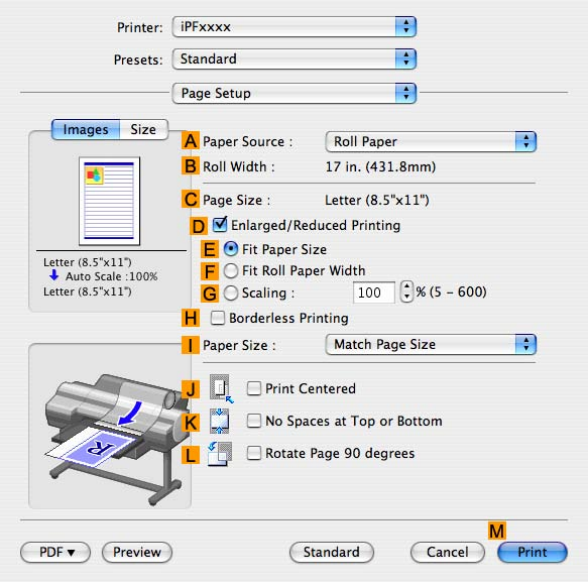


9. Click **Image** in the E **Print Priority** list.
10. Select the print quality in the F **Print Quality** list.

Note

- Options displayed in the F **Print Quality** list vary depending on the type of paper.

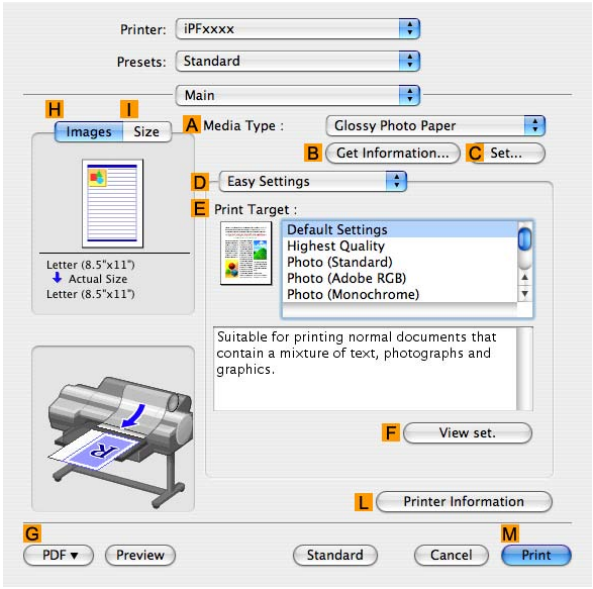
11. Click **Color** in the H **Color Mode** list.
12. Click I **Set** to display the **Color Settings** dialog box.
13. Click **Matching** to display the **Matching** pane.
14. In **Matching Mode**, click **Driver Matching Mode**.
15. In **Color Space**, click **Adobe RGB**.
16. Click **OK** to close the **Color Settings** dialog box.
17. Access the **Page Setup** pane.



18. Click **Roll Paper** in the A **Paper Source** list.
19. Make sure the width of the loaded roll paper is displayed in the B **Roll Paper Width** list-here, **10-in. Roll (254.0mm)**.

Note

- If the width of the roll loaded in the printer is not shown in B **Roll Paper Width**, click L **Printer Information** on the **Main** pane to update the printer information.



20. Make sure C **Page Size** in the **Page Setup** pane matches the size of the original as specified in Photoshop-in this case, **10"x12"**.
21. Confirm the print settings, and then click M **Print** to start printing.

Note

- For tips on confirming print settings, see “Confirming Print Settings (Mac OS X)”. (→P.436)

Printing CAD Drawings

Printing CAD Drawings

Using this printer, you can print fine lines and text clearly and sharply. It's easy to produce highly precise drawings from CAD applications.
For instructions on CAD printing, refer to the following topics, as appropriate for your computer and operating system.

- Printing Line Drawings and Text (Windows) (→P.188)
- Printing Line Drawings and Text (Mac OS X) (→P.190)

Printing Line Drawings and Text

Printing is easy when you simply choose the type of original to print.

Easy Settings

Simply choose the printing application in the list for optimal printing results.

Print Target

Choose presets that match the type of document to be printed.

Print targets for line drawings and text

	Print Target	Description
	Poster (Notice Announcement)	Settings optimized for printing announcements such as wall newspapers and other notices with a large amount of text.
	3D CAD, GIS	Settings optimized for printing 3D CAD drawings, perspective drawings, and maps, including GIS maps.
	CAD (Line Drawing)	Settings optimized to print intricate lines in CAD drawings clearly.

Note

- You can check the settings values for each print target by clicking **View Settings**.
- You can also fine-tune these values as needed. (Advanced Settings)
  For details on Advanced Settings, see "Giving Priority to Particular Graphic Elements and Colors for Printing". (→P.212)

For instructions on printing line drawings and text, refer to the following topics, as appropriate for your computer and operating system.

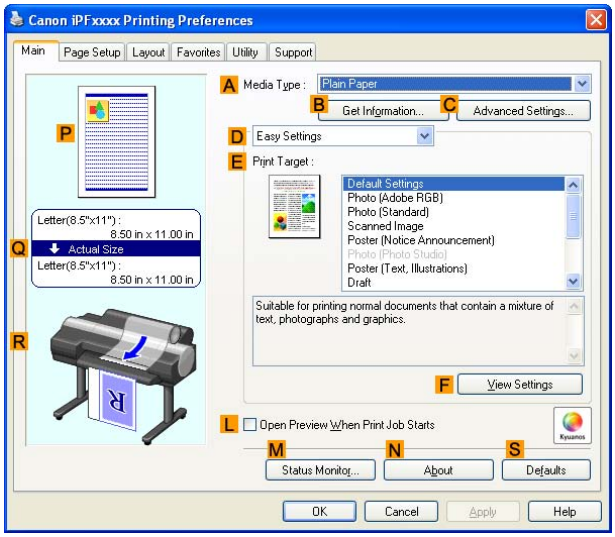
- Printing Line Drawings and Text (Windows) (→P.188)
- Printing Line Drawings and Text (Mac OS X) (→P.190)

Printing Line Drawings and Text (Windows)

This topic describes how to print line drawings based on the following example.

- Document: CAD drawing
- Page size: A3 (297.0 × 420.0 mm [11.7 × 16.5 in])
- Paper: Roll
- Paper type: Plain Paper
- Roll paper width: A2/A3 roll (420.0 mm [16.5 in])

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then open the printer driver dialog box. (→P.390)
3. Make sure the **Main** sheet is displayed.

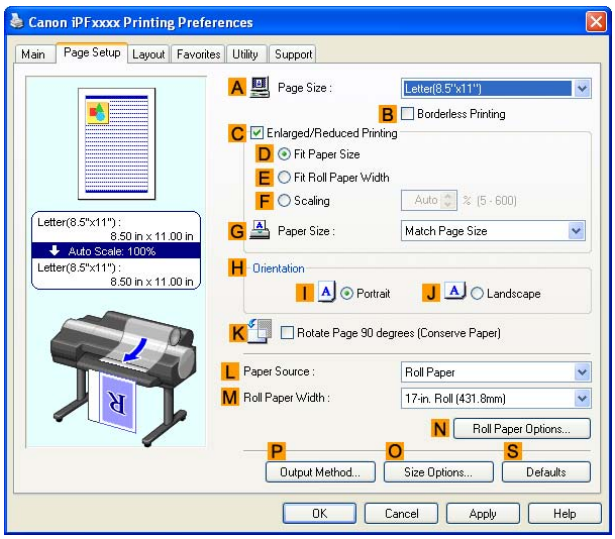


4. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
5. After confirming that D **Easy Settings** is selected, click **CAD (Line Drawing)** in the E **Print Target** list.

Note

- You can check the settings values selected in the E **Print Target** list by clicking F **View Settings**.

6. Click the **Page Setup** tab to display the **Page Setup** sheet.



7. In A **Page Size**, click the size of the original as specified in the application software. In this case, click **ISO A3**.
8. Click **Roll Paper** in the L **Paper Source** list.
9. Select the width of the loaded roll in the M **Roll Paper Width** list-in this case, **ISO A2/A3 Roll (420.0mm)**.
10. Specify additional printing conditions.
    For details on available printing conditions, see “Printer Driver Settings (Windows)”. (→P.380)
11. Confirm the print settings and print as desired.


Note

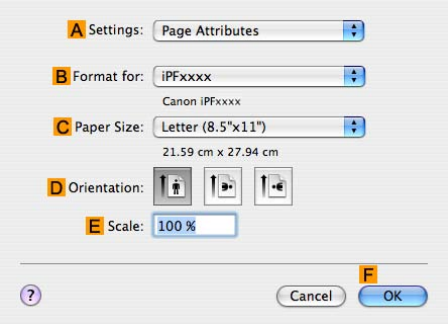
- For tips on confirming print settings, see “Confirming Print Settings (Windows)”. (→P.384)

Printing Line Drawings and Text (Mac OS X)

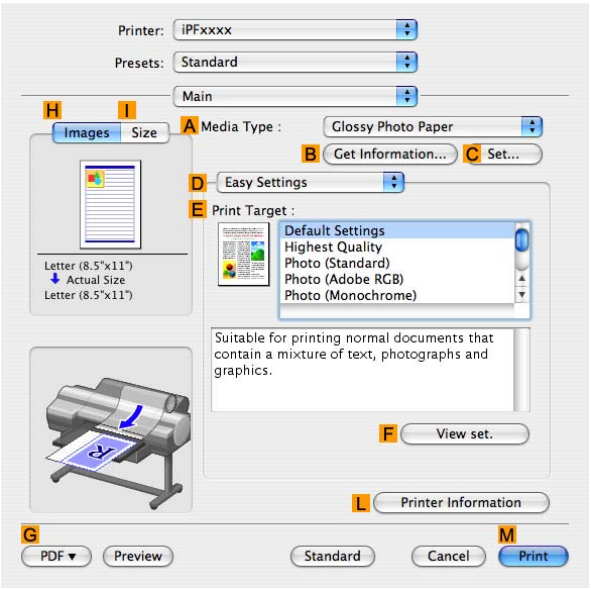
This topic describes how to print line drawings based on the following example.

- Document: CAD drawing
- Page size: A3 (297.0 × 420.0 mm [11.7 × 16.5 in])
- Paper: Roll
- Paper type: Plain Paper
- Roll paper width: A2/A3 roll (420.0 mm [16.5 in])

1. Choose **Page Setup** in the application menu to display the **Page Attributes** dialog box.



2. Select the printer in the B **Format for** list.
3. In the C **Paper Size** list, click the size of the original. In this case, click **ISO A3**.
4. Click F **OK** to close the dialog box.
5. Choose **Print** in the application menu.
6. Access the **Main** pane.

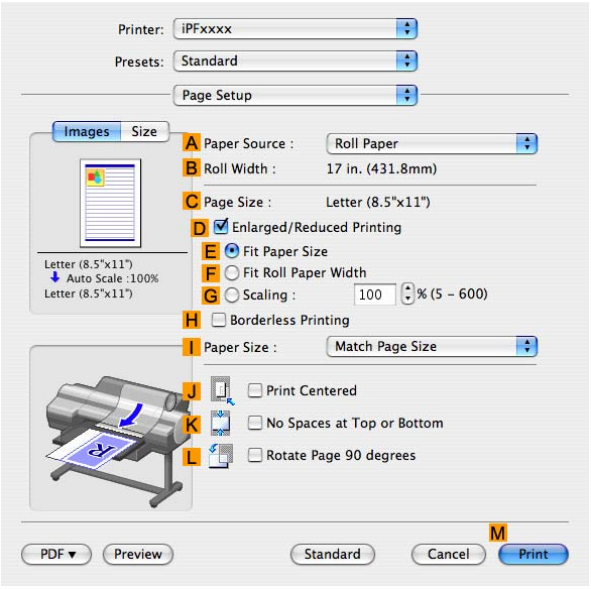


7. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
8. After confirming that D **Easy Settings** is selected, click **CAD (Line Drawing)** in the E **Print Target** list.

Note

- You can check the settings values selected in the E **Print Target** list by clicking F **View set.**.

9. Access the **Page Setup** pane.

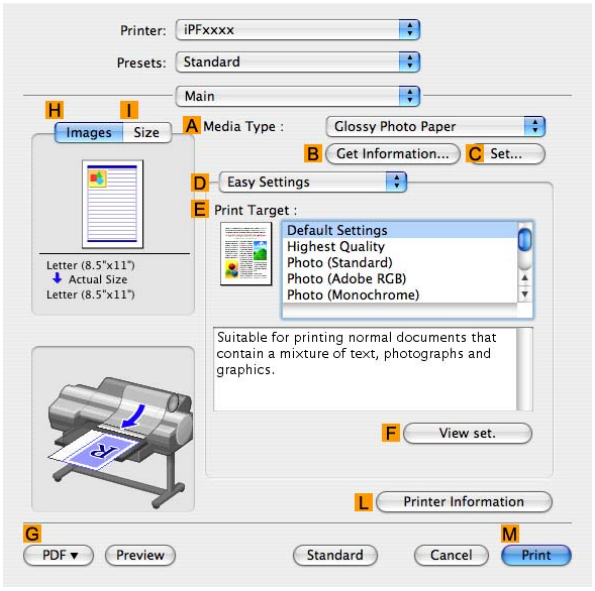


10. Click **Roll Paper** in the **A Paper Source** list.

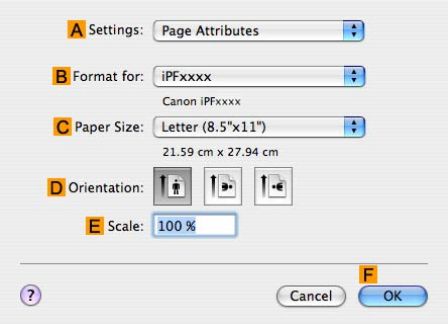
11. Make sure the width of the loaded roll is displayed in the **B Roll Paper Width** list-in this case, **ISO A2/A3 (420.0mm)**.

Note

- If the width of the loaded roll is not displayed in **B Roll Paper Width**, click **L Printer Information** on the **Main** pane and update the printer information.



12. Make sure C **Page Size** on the **Page Setup** pane shows the original size as specified in C **Paper Size** in the **Page Attributes** dialog box-in this case, **ISO A3**.



13. Specify additional printing conditions.
For details on available printing conditions, see “Printer Driver Settings (Mac OS X)”. (→P.433)

14. Confirm the print settings, and then click M **Print** to start printing.

Note

- For tips on confirming print settings, see “Confirming Print Settings (Mac OS X)”. (→P.436)

Printing Office Documents

Printing Office Documents

Printing is easy when you simply choose the type of original to print.

Easy Settings

Simply choose the printing application in the list for optimal printing results.

Print Target

Choose presets that match the type of document to be printed.

Print targets for office documents

	Print Target	Description
	Office Document	Settings optimized for clear printing of office documents such as handouts.

Note

- You can check the settings values for each print target by clicking **View Settings**.
- You can also fine-tune these values as needed. (Advanced Settings)
  For details on Advanced Settings, see “Giving Priority to Particular Graphic Elements and Colors for Printing”. (→P.212)

For instructions on printing office documents, refer to the following topics, as appropriate for your computer and operating system.

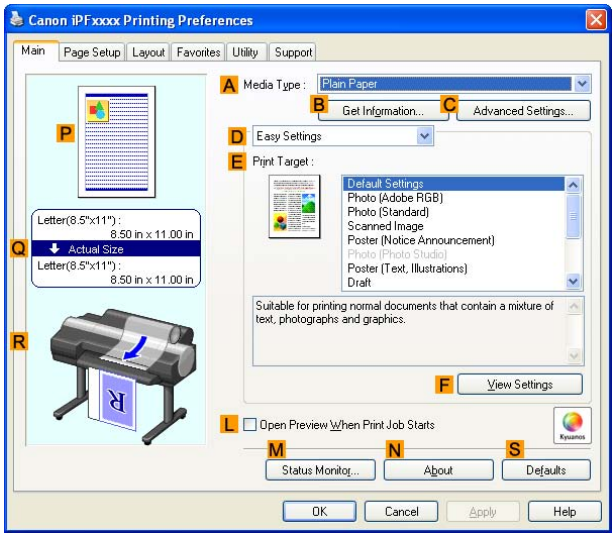
- Printing Office Documents (Windows) (→P.194)
- Printing Office Documents (Mac OS X) (→P.196)

Printing Office Documents (Windows)

This topic describes how to print office documents based on the following example.

- Document: Office document created using word-processing software or spreadsheet programs
- Page size: A4 (210.0×297.0 mm)/Letter (8.3 × 11.7 in)
- Paper: Sheets
- Paper type: Plain Paper
- Paper size: A4 (210.0×297.0 mm)/Letter (8.3 × 11.7 in)

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
3. Make sure the **Main** sheet is displayed.

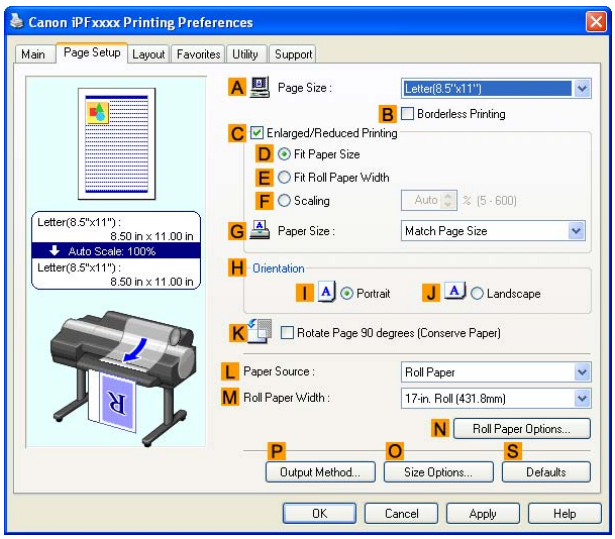


4. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
5. After confirming that D **Easy Settings** is selected, click **Office Document** in the E **Print Target** list.

Note

- You can check the settings values selected in the E **Print Target** list by clicking F **View Settings**.

6. Click the **Page Setup** tab to display the **Page Setup**sheet.



7. In the A **Page Size** list, click the size of the original as specified in the application. In this case, click **ISO A4** or **Letter (8.5"x11")**.
8. Click **Manual** in the L **Paper Source** list.
9. Specify additional printing conditions.
   For details on available printing conditions, see “Printer Driver Settings (Windows)”. (→P.380)
10. Confirm the print settings and print as desired.

 Caution

- Depending on the **Media Type** setting, some **Print Target** options may not be available.

 Note

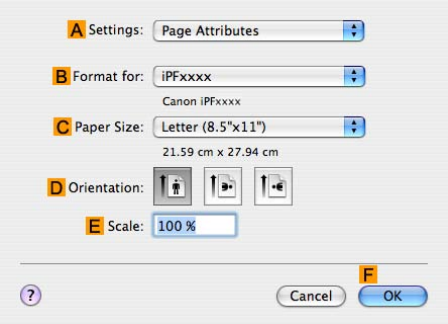
- For instructions on confirming print settings, see “Confirming Print Settings (Windows)”. (→P.384)

Printing Office Documents (Mac OS X)

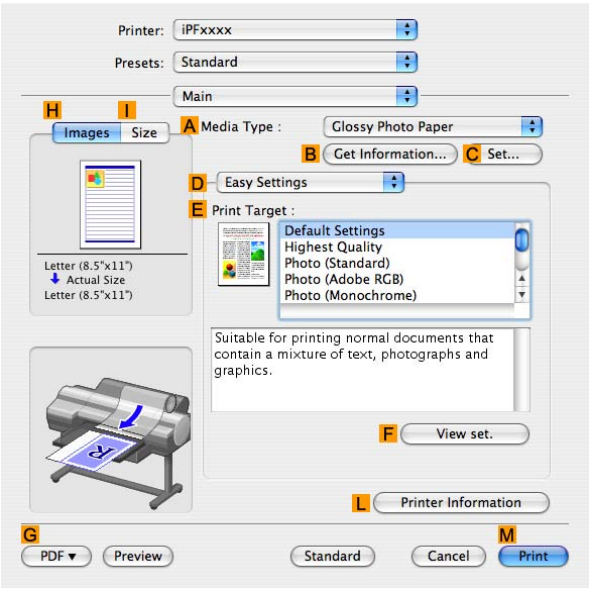
This topic describes how to print office documents based on the following example.

- Document: Office document created using word-processing or spreadsheet programs
- Page size: A4 (210.0×297.0 mm [8.3×11.7 in])/Letter
- Paper: Sheets
- Paper type: Plain Paper
- Paper size: A4 (210.0×297.0 mm [8.3×11.7 in.])/Letter

1. Choose **Page Setup** in the application menu to display the **Page Attributes** dialog box.



2. Select the printer in the B **Format for** list.
3. In the C **Paper Size** list, click the size of the original. In this case, click **ISO A4 - Cut Sheet**.
4. Click F **OK** to close the dialog box.
5. Choose **Print** in the application menu.
6. Access the **Main** pane.

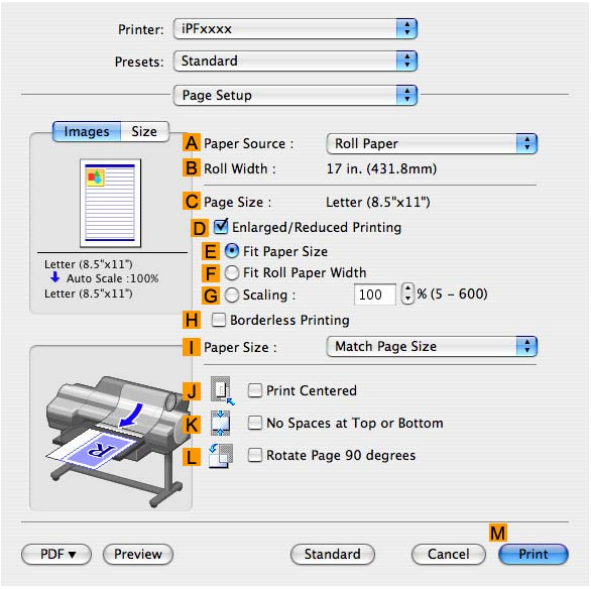


7. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
8. After confirming that D **Easy Settings** is selected, click **Office Document** in the E **Print Target** list.

Note

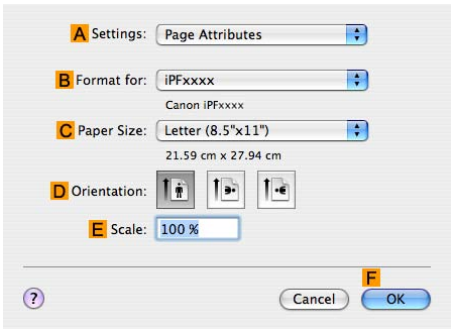
- You can check the settings values selected in the E **Print Target** list by clicking F **View set.**.

9. Access the **Page Setup** pane.



10. Select sheets in the A **Paper Source** list.

11. Make sure the C **Page Size** setting matches the original size as selected in C **Paper Size** in the **Page Attributes** dialog box-in this case, **ISO A4**.



12. Specify additional printing conditions.
For details on available printing conditions, see “Printer Driver Settings (Mac OS X)”. (→P.433)

13. Confirm the print settings, and then click M **Print** to start printing.

Note

- For tips on confirming print settings, see “Confirming Print Settings (Mac OS X)”. (→P.436)

Using the Printer With a Color imageRUNNER

Printing Enlargements of Scanned Originals from a Color imageRUNNER

Scanned originals from a Color imageRUNNER can be enlarged and printed automatically.
For instructions on printing enlargements of scanned originals from a Color imageRUNNER, refer to the following topic.

- Printing Enlargements of Scanned Originals from a Color imageRUNNER (Windows) (→P.198)
- Printing Enlargements of Scanned Originals from a Color imageRUNNER (Mac OS X) (→P.201)

Printing Enlargements of Scanned Originals from a Color imageRUNNER (Windows)

Scanned originals from a Color imageRUNNER can be enlarged and printed automatically.
Originals you create by scanning with a Color imageRUNNER are transferred to a "hot folder" and printed automatically after enlargement according to printing conditions you specify for that folder.
This processing sequence is called the Color imageRUNNER Enlargement Copy function.
To use Color imageRUNNER Enlargement Copy, first complete these settings in the following order.

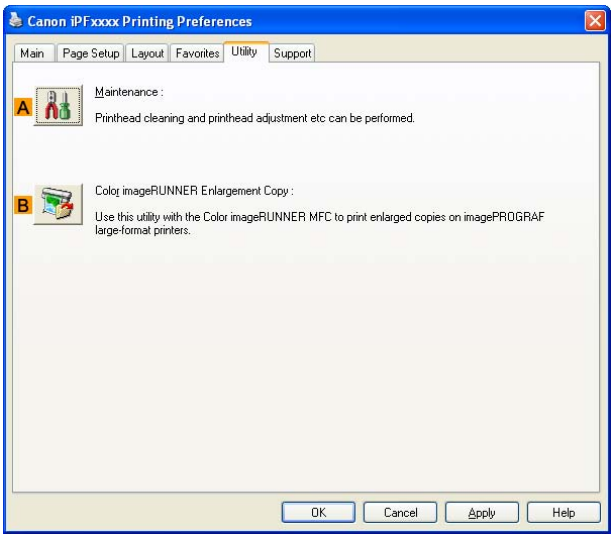
1. Register a hot folder on your computer.
   Register a hot folder on your computer for storing scanned originals from the Color imageRUNNER and complete the settings for enlargement copy.
2. Complete the scanning settings on the Color imageRUNNER.
   Configure the Color imageRUNNER to send scanned originals to the hot folder.

After these settings are complete, you can print enlarged copies of scanned originals from the Color imageRUNNER.

Registering a hot folder on your computer

Folders used for **Color imageRUNNER Enlargement Copy** (iR enlargement copy) are called hot folders. Register a hot folder on your computer for storing scanned originals from the Color imageRUNNER. You can specify printing conditions (such as the image quality and paper size), based on which originals transferred to the hot folder will be printed. Follow these steps to register and modify hot folders.

1. Display the printer driver dialog box. (→P.392)
2. Click the **Utility** tab to display the **Utility** sheet.



3. Click B **Color imageRUNNER Enlargement Copy** to start the Color imageRUNNER Enlargement Copy utility.
4. Use the Color imageRUNNER Enlargement Copy utility to register or modify hot folders.
   For instructions on registering and modifying hot folders, refer to the help file for the Color imageRUNNER Enlargement Copy utility.

Completing the scanning settings on the Color imageRUNNER.

Configure the Color imageRUNNER to send scanned originals to the hot folder. It is easy to send scanned originals to the hot folder if you assign the scanning settings and destination to a **Favorites** button on the Color imageRUNNER.
For instructions on assigning scanning settings and destinations to a **Favorites** button, refer to the setting manual, displayed by clicking **Color imageRUNNER Enlargement Copy Setup Manual** button of Color imageRUNNER Enlargement Copy utility, or refer to the Color imageRUNNER manual.

Scanning the original and print an enlargement

Follow the steps below to scan an original on the Color imageRUNNER for enlarged printing on the printer. For detailed instructions, refer to the Color imageRUNNER manual.

1. Load the original on the platen glass or document feeder of the Color imageRUNNER.
2. Press **Send** to display the screen for transmission.
3. Press **Favorites**, and then press the **Favorites** button assigned to the hot folder.
4. Press **Start** on the control panel. If you scan originals on the platen glass, after scanning all originals, press **Done** on the touch-panel display.
   Scanned originals are sent to the hot folder and automatically enlarged and printed following the conditions you specified for the folder.

Note

- For details on Color imageRUNNER Enlargement Copy, refer to Color imageRUNNER Enlargement Copy .

Printing Enlargements of Scanned Originals from a Color imageRUNNER (Mac OS X)

Scanned originals from a Color imageRUNNER can be enlarged and printed automatically.
Originals you create by scanning with a Color imageRUNNER are transferred to a "hot folder" and printed automatically after enlargement according to printing conditions you specify for that folder.
This processing sequence is called the Color imageRUNNER Enlargement Copy function.
To use Color imageRUNNER Enlargement Copy, first complete these settings in the following order.

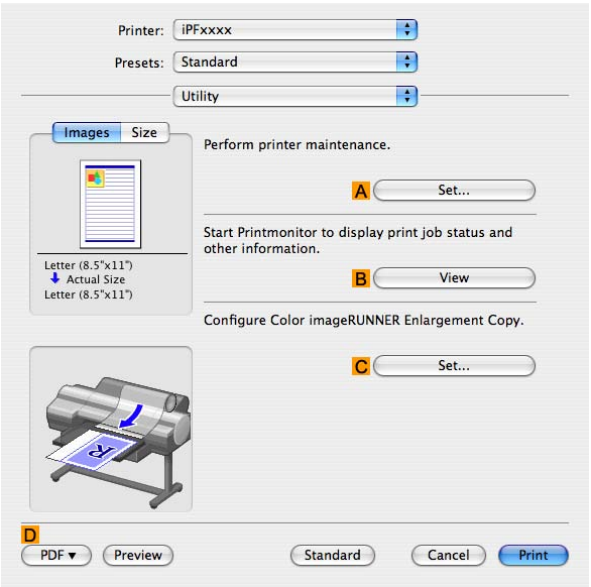
1. Register a hot folder on your computer.
   Register a hot folder on your computer for storing scanned originals from the Color imageRUNNER and complete the settings for enlargement copy.
2. Complete the scanning settings on the Color imageRUNNER.
   Configure the Color imageRUNNER to send scanned originals to the hot folder.

After these settings are complete, you can print enlarged copies of scanned originals from the Color imageRUNNER.

Registering a hot folder on your computer

Folders used for **Color imageRUNNER Enlargement Copy** (iR enlargement copy) are called hot folders. Register a hot folder on your computer for storing scanned originals from the Color imageRUNNER. You can specify printing conditions (such as the image quality and paper size), based on which originals transferred to the hot folder will be printed. Follow these steps to register and modify hot folders.

1. To display the **Color imageRUNNER Enlargement Copy** dialog box, either double-click the **Color imageRUNNER Enlargement Copy.app** icon after navigating to **Canon Utilities** - **imagePROGRAF** in the **Applications** folder or click **Set** in the **Utility** pane.



2. In **Enlarged Copy Settings**, click **Add** or **Edit** and either create or modify the hot folder.
   For instructions on registering and modifying hot folders, refer to the help file for **Color imageRUNNER Enlargement Copy**.

Completing the scanning settings on the Color imageRUNNER.

Configure the Color imageRUNNER to send scanned originals to the hot folder. It is easy to send scanned originals to the hot folder if you assign the scanning settings and destination to a **Favorites** button on the Color imageRUNNER.
For instructions on assigning scanning and sending settings to the **Favorites** button, refer to the Color imageRUNNER manual.

Scanning the original and print an enlargement

Follow the steps below to scan an original on the Color imageRUNNER for enlarged printing on the printer.
For detailed instructions, refer to the Color imageRUNNER manual.

1. Load the original on the platen glass or document feeder of the Color imageRUNNER.
2. Press **Send** to display the screen for transmission.
3. Press **Favorites**, and then press the **Favorites** button assigned to the hot folder.
4. Press **Start** on the control panel. If you scan originals on the platen glass, after scanning all originals, press **Done** on the touch-panel display.
   Scanned originals are sent to the hot folder and automatically enlarged and printed following the conditions you specified for the folder.


Note

- For details on Color imageRUNNER Enlargement Copy, see Color imageRUNNER Enlargement Copy .

Enhanced Printing Options

Adjusting Images

Adjusting the Color in the Printer Driver

Color settings specified in the application for your documents are essentially given priority over other settings for each print job, but further color adjustment is possible in the printer driver.

Color Mode

Choose how the printer driver processes color, as desired.
The available options vary depending on the color mode.

Color Mode	Description	Color Adjustment
Color	Print in color.	You can adjust the color balance and color-matching method.
Color (Economy)	This mode requires less ink than regular color printing.	You can adjust the color balance.
Monochrome (Photo)	Grayscale printing optimized for monochrome photos.	You can adjust the color balance in ways tailored to monochrome photos.
Monochrome	Print in grayscale.	You can adjust the color balance.

Color Adjustment

You can adjust colors separately for images, graphics, and text documents.

Adjustment Item	Description
Cyan	Fine-tune color tones by adjusting the levels of **Cyan**, **Magenta**, and **Yellow**.
Magenta	
Yellow	
Gray Tone	Adjust the grayscale, in a range from cool, blue tones to warm, red tones.
Brightness	Adjust the brightness of printed images while keeping the darkest and lightest portions intact.
Contrast	Adjust the contrast of the darkest and lightest portions relative to each other. For soft gradation, decrease the contrast. For hard gradation, increase the contrast.
Saturation	Adjust the level of color saturation, in a range from subdued to vivid.

Matching

You can choose the color-matching mode and method.
By adjusting the color-matching mode and method, you can make printed colors match the colors of on-screen images more closely.

Matching Mode	Description	Notes
Driver Matching Mode (Kyuanos)	Color adjustment based on the original color profile of the printer driver	This is the default color-matching method. Normally, use **Driver Matching Mode**.
ICC Matching Mode	Color adjustment based on ICC color profiles (an international standard) using the printer driver	You can select the printer profile in the **Printer Profile Settings** list.
Driver ICM Mode	Color adjustment based on the standard Windows ICM function. The printer driver adjusts the colors.	Available when using Windows 2000, Windows XP, Windows Server 2003, Windows Vista, or Windows Server 2008.
Host ICM Mode	Color adjustment based on the standard Windows ICM function. Windows adjusts the colors.	
ColorSync	Color adjustment based on the standard Mac OS ColorSync function. Mac OS adjusts the colors.	Available when using Mac OS
Off (No Adjustment)	No color-matching	Choose this option for color-matching by the software application or with your own color profile, when you want to disable color-matching by the printer driver.

Matching Method	Description	Notes
Auto	Color-matching optimized for images, graphics, or text	The available options and their display order vary depending on your selected color-matching mode, as well as the operating system.
Perceptual	Color-matching optimized for photos. Prints images with smooth gradations and colors closer to those as displayed on the screen.	
Colorimetric	Color-matching with adjustment to remove color from white area. Colors in data are reproduced accurately.	
Colorimetric (No Wht-pnt Corr)	Color-matching without white adjustment to reflect the profile of original data. Without white adjustment, colors are added to white areas.	
Saturation	Color-matching optimized for graphics. This option emphasizes color saturation.	
Monitor Matching	Suitable for optimized printing to match the appearance on the monitor. Reproduces colors as displayed on calibrated sRGB monitors.	

Gray Tone Adjustment

The following settings can be adjusted if “Monochrome (Photo)” is selected in Color Mode.

Gray Adjustment Items	Description
Color Balance	Adjust the gray tone to suit the images of monochrome photos. Choose cool black (tinged with blue), pure black (neutral), warm black (tinged with red), and so on. Select the color tone in the color region or from the list.
Brightness	Adjust the brightness of printed images while keeping the darkest and lightest portions intact.
Contrast	Adjust the contrast of the darkest and lightest portions relative to each other, as desired. For soft gradation, decrease the contrast. For hard gradation, increase the contrast.
Highlight	Adjust levels of image highlight areas.
Shadow	Adjust levels of image shadow areas.


Note

- Be sure to calibrate your monitor colors correctly if you adjust the colors for printing. If monitor colors are not calibrated correctly, you may not obtain the desired printing results. For instructions on monitor calibration, refer to the documentation for your monitor and operating system.

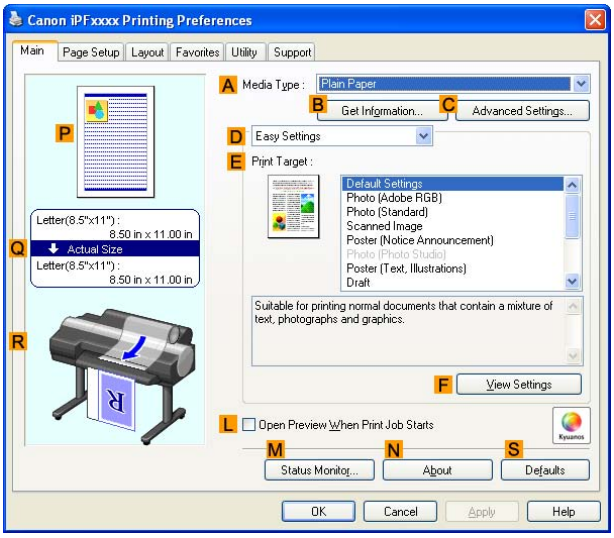
For instructions on color adjustment, refer to the following topics, as appropriate for your computer and operating system.

- Fine-Tuning Colors of Photos and Images (Windows) (→P.206)
- Fine-Tuning Colors of Photos and Images (Mac OS X) (→P.209)

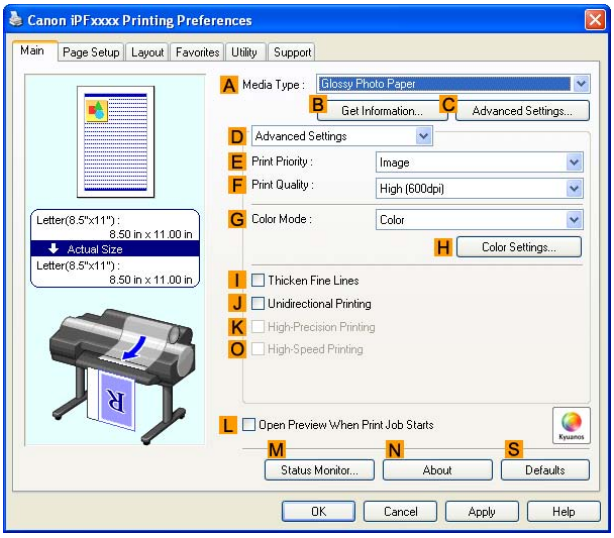
Fine-Tuning Colors of Photos and Images (Windows)

You can specify your own print settings instead of using the **Print Target** presets. This topic describes how to fine-tune the color tone of photos before printing.

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
3. Make sure the **Main** sheet is displayed.

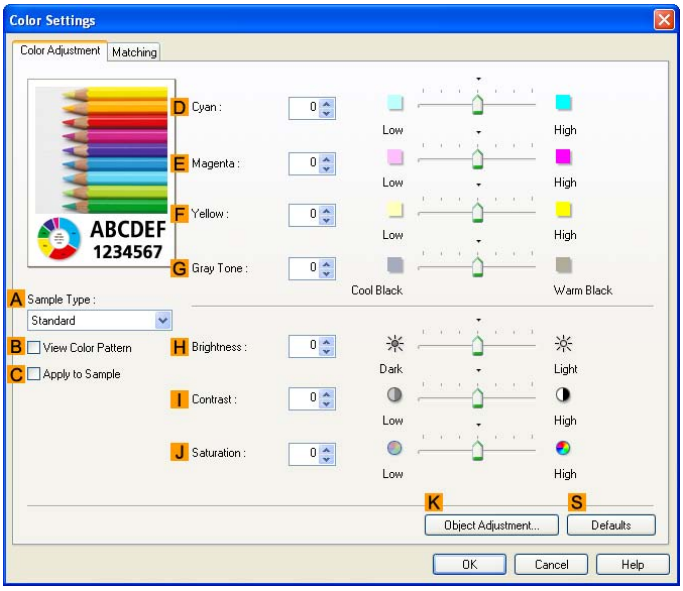


4. In the A **Media Type** list, select the type of paper that is loaded.
5. Click D **Advanced Settings** to switch the print mode.



6. Click **Color** in the G **Color Mode** list.

7. Click H **Color Settings** to display the **Color Settings** dialog box.

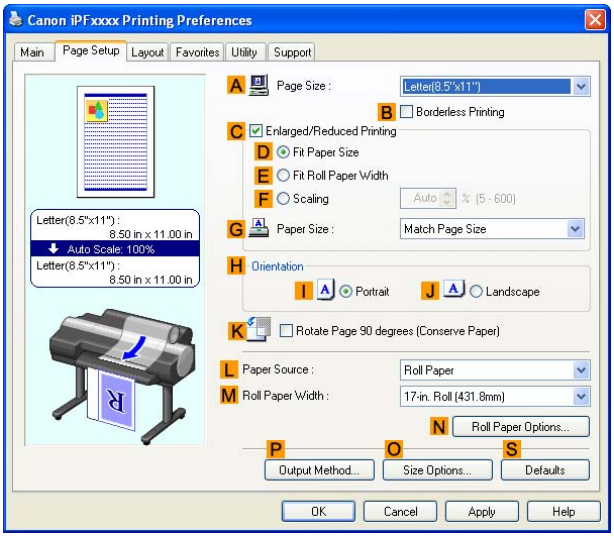


8. On the **Color Adjustment** sheet, adjust the color tones, brightness, and so on as desired.

Adjustment Item	Description
D **Cyan**	Fine-tune color tones by adjusting the levels of Cyan, Magenta, and Yellow.
E **Magenta**	
F **Yellow**	
G **Gray Tone**	Adjust the gray tone to suit the images of monochrome photos. Choose cool black (tinged with blue), pure black (neutral), warm black (tinged with red), and so on. Select the color tone in the color region or from the list.
H **Brightness**	Adjust the brightness of printed images while keeping the darkest and lightest portions intact.
I **Contrast**	Adjust the contrast of the darkest and lightest portions relative to each other. For soft gradation, decrease the contrast. For hard gradation, increase the contrast.
J **Saturation**	Adjust the level of color saturation, in a range from subdued to vivid.

9. Close the **Color Settings** dialog box.

10. Click the **Page Setup** tab to display the **Page Setup** sheet.



11. Confirm the settings of **A Page Size**, **L Paper Source**, and so on.

12. Confirm the print settings and print as desired.

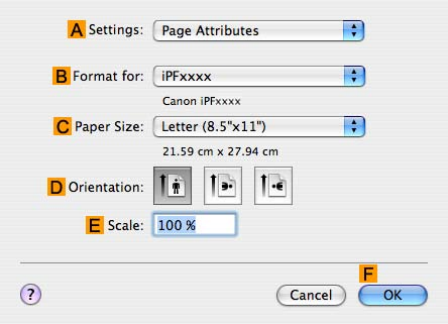
Note

- For tips on confirming print settings, see “Confirming Print Settings (Windows)”. (→P.384)

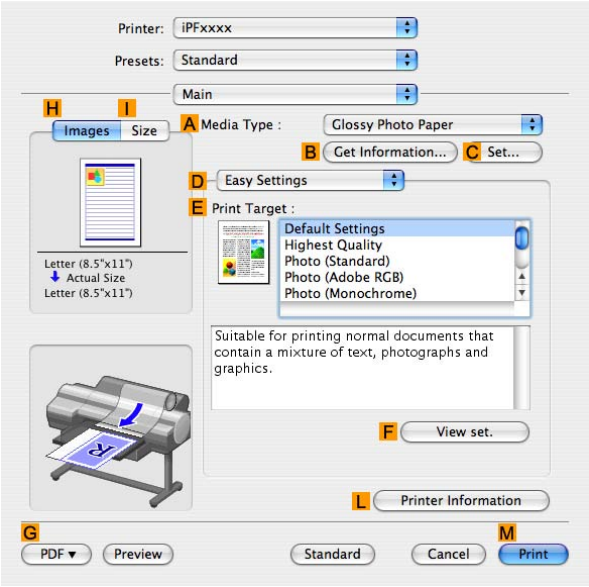
Fine-Tuning Colors of Photos and Images (Mac OS X)

You can specify your own print settings instead of using the **Print Target** presets. This topic describes how to fine-tune the color tone of photos before printing.

1. Choose **Page Setup** in the application menu to display the **Page Attributes** dialog box.

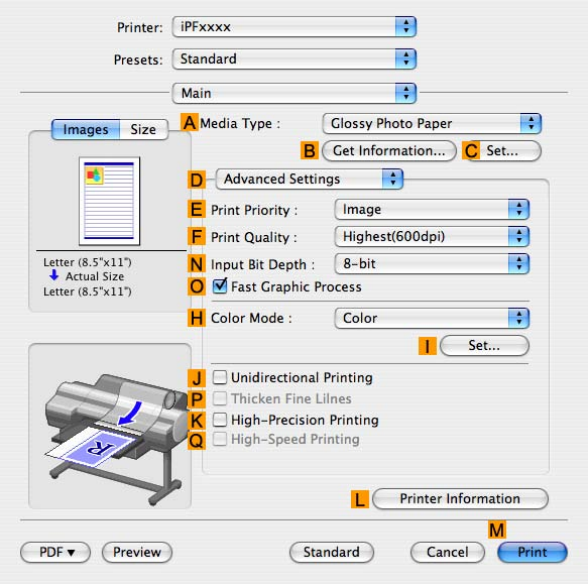


2. Select the printer in the **B Format for** list.
3. Choose the original size in the **C Paper Size** list.
4. Click **F OK** to close the dialog box.
5. Choose **Print** in the application menu.
6. Access the **Main** pane.

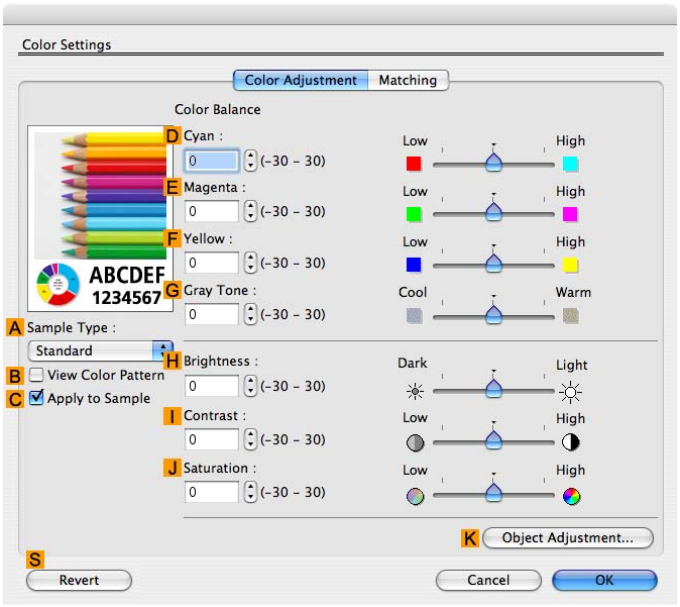


7. In the **A Media Type** list, select the type of paper that is loaded.

8. Click D **Advanced Settings** to switch the print mode.



9. Click **Color** in the H **Color Mode** list.
10. Click I **Set** to display the **Color Settings** dialog box.

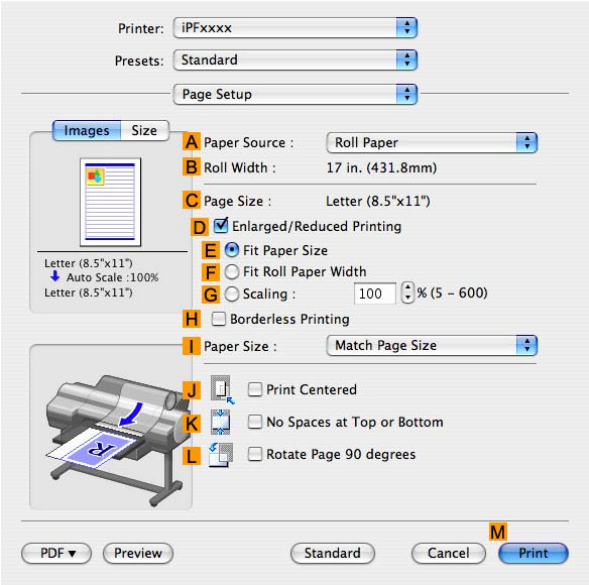


11. On the **Color Adjustment** pane, adjust the color tones, brightness, and so on as desired.

Adjustment Item	Description
D **Cyan**	Fine-tune color tones by adjusting the levels of Cyan, Magenta, and Yellow.
E **Magenta**	
F **Yellow**	
G **Gray Tone**	Adjust the gray tone to suit the images of monochrome photos. Choose cool black (tinged with blue), pure black (neutral), warm black (tinged with red), and so on. Select the color tone in the color region or from the list.
H **Brightness**	Adjust the brightness of printed images while keeping the darkest and lightest portions intact.
I **Contrast**	Adjust the contrast of the darkest and lightest portions relative to each other. For soft gradation, decrease the contrast. For hard gradation, increase the contrast.
J **Saturation**	Adjust the level of color saturation, in a range from subdued to vivid.

12. Click **OK** to close the **Color Settings** dialog box.

13. Access the **Page Setup** pane.



14. Confirm the settings of A **Paper Source** and C **Page Size**.

15. Confirm the print settings, and then click M **Print** to start printing.

Note

- For tips on confirming print settings, see “Confirming Print Settings (Mac OS X)”. (→P.436)

Giving Priority to Particular Graphic Elements and Colors for Printing

You can specify detailed print settings as desired for the quality level, colors, and other criteria.

Advanced Settings

For printing results that appear just as expected for your original, you can specify which graphic elements and colors to prioritize for printing.

Note

- **Easy Settings** are also available, providing convenient presets. To use the presets, simply choose the printing application.
  For details on **Easy Settings**, refer to the following topics.
  - Printing Photos and Images (→P.162)
  - Printing Line Drawings and Text (→P.187)
  - Printing Office Documents (→P.193)

Print Priority

Choose the graphic elements that you want to emphasize for printing.

Print Priority (*1)	Description
Image	A setting for posters or other documents made up mainly of photos or images, or for emphasizing photos or images in printed documents.
Line Drawing/Text	Choose this setting for CAD drawings made up mainly of intricate lines, or wall newspapers and other notices with a large amount of text. Suitable for emphasizing detailed text in printed documents. However, the quality may not be sufficient when printing photos or images that require a lot of color coverage. In this case, choose “Image” instead.
Office Document	Choose this setting for better legibility of documents combining text and graphics, such as documents and presentation material created with typical office applications.

*1: Options suitable for the selected type of paper are listed under Print Priority.

Print Quality

Choose the print quality.

Print Quality (*1)	Description	Print Priority
Highest	A setting for printing at the highest resolution when quality is most important. Printing takes longer and consumes more ink than in other modes, but this mode offers superior printing quality.	**Image**
High	Choose this setting to print at high resolution when quality is most important. Printing takes longer and consumes more ink than in **Standard** or **Draft** modes, but the printing quality is higher in this mode.	**Image** **Line Drawing/Text**
Standard	Choose this setting to print at standard resolution when quality and speed are both important. Printing takes less time than in **Highest** or **High** mode.	**Image** **Line Drawing/Text** **Office Document**
Draft	Choose this setting to print faster. Printing in draft mode can help you work more efficiently when checking layouts. Printing in this mode is faster and consumes less ink than in **Standard**, **High**, or **Highest** mode, but the printing quality is lower.	**Image** **Line Drawing/Text**

*1: Options suitable for the selected Print Priority are listed under Print Quality.

Color settings

Setting Item	Options	Description
Color Mode (*1)	**Color** **Color (Economy)** **Monochrome (Photo)** **Monochrome**	Choose whether to print in color or monochrome. (→P.203)
Color Adjustment (Images) **Color Adjustment** (Graphics) **Color Adjustment** (Text)	**Cyan** **Magenta** **Yellow** **Gray Tone** **Brightness** **Contrast** **Saturation**	You can adjust the levels of cyan, magenta, and yellow as well as the brightness, contrast, saturation, and gray tone separately for images, graphics, and text documents. If you choose **Monochrome** in **Color Mode** only **Brightness** and **Contrast** can be adjusted.
Gray Adjustment	**Color Balance** **Brightness** **Contrast** **Highlight** **Shadow**	Choose the gray tone color balance (**Cool Black** or **Warm Black**) and adjust levels of brightness, contrast, highlight, and shadow as desired. These levels can be adjusted when **Monochrome (Photo)** is selected in **Color Mode**.
Color-Matching Modes	**Driver Matching Mode (Kyuanos)** **ICC Matching Mode** **Off**	Choose the color-matching mode. Other color-matching modes may be provided by the computer operating system, such as ICM and ColorSync.
Color-Matching Method (*2)	**Auto** **Perceptual** **Saturation** **Monitor Matching** **Colorimetric** other	Choose the color-matching method. The available options vary depending on your selection in “Color-Matching Mode.”
Color Space (*3)	**sRGB** **Adobe RGB**	Choose a standard color space (**sRGB**) or an expanded color space (**Adobe RGB**).

*1: Options suitable for the selected Print Priority are listed under Color Mode.
*2: The order of options displayed varies depending on the operating system.
*3: **Adobe RGB** is not available if an incompatible combination of the paper type and print quality is selected.

Enhancing printing quality

Setting Item	Description
Thicken Fine Lines (*1)	Choose this option to make fine lines clearer in CAD drawings or similar documents.
Unidirectional Printing	Choosing unidirectional printing can improve printing results if lines are printed crooked or images are uneven. However, this takes more time than regular printing.
High-Precision Printing	Enables printing at the highest level of quality. However, this requires more time than usual for printing.
High-Speed Printing	Reduces the time required for printing. Printing in this mode is relatively faster and consumes less ink, but the printing quality is lower.

*1: Displayed in Windows.

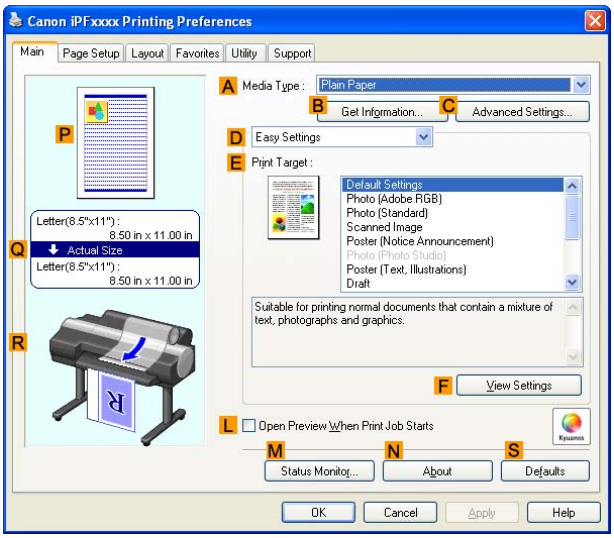
Note

- To print at a higher level of quality, in the printer driver, choose **High** or **Highest** in **Print Quality**, and choose **Unidirectional Printing** as the direction of printing.
- For instructions on specifying the print quality and color settings before printing, refer to the following topics, as appropriate for your computer and operating system.
  - Choosing the Document Type and Printing Conditions (Windows) (→P.216)
  - Choosing the Document Type and Printing Conditions (Mac OS X) (→P.218)

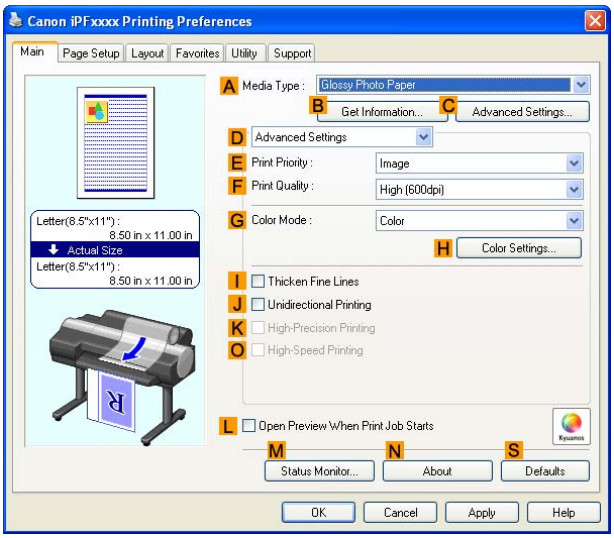
Choosing the Document Type and Printing Conditions (Windows)

You can specify your own print settings instead of using the **Print Target** presets. This topic describes how to print CAD drawings in monochrome.

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
3. Make sure the **Main** sheet is displayed.



4. In the A **Media Type** list, select the type of paper that is loaded.
5. Click D **Advanced Settings** to switch the print mode.



6. Click **Line Drawing/Text** in the E **Print Priority** list.
7. Click **Standard (600dpi)** in the F **Print Quality** list.

Note

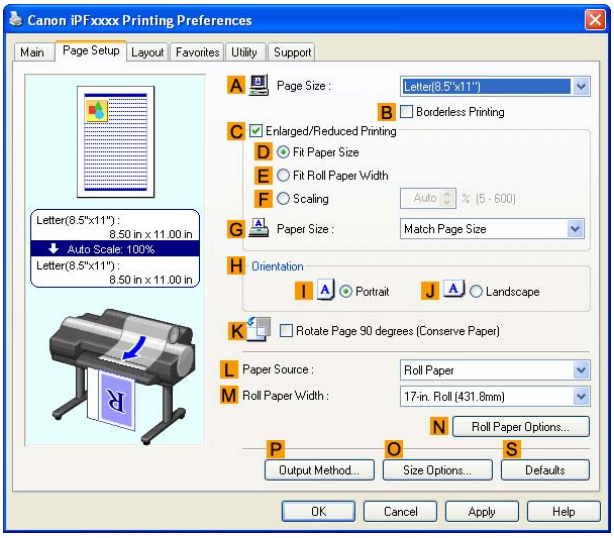
- Options displayed in the F **Print Quality** list vary depending on the paper type.

8. Click **Monochrome** in the G **Color Mode** list.
9. To adjust the brightness and contrast, click H **Color Settings**.

Note

- For instructions on adjusting brightness and contrast, see “Adjusting the Color in the Printer Driver”. (→P.203)

10. Click the **Page Setup** tab to display the **Page Setup** sheet.



11. Confirm the settings of A **Page Size**, L **Paper Source**, and so on.
12. Confirm the print settings and print as desired.

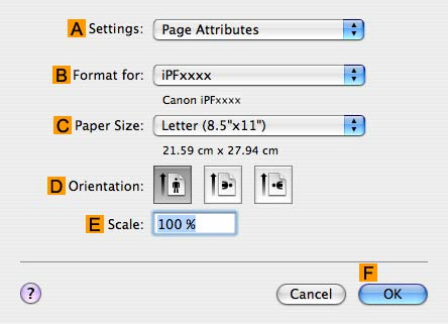
Note

- For tips on confirming print settings, see “Confirming Print Settings (Windows)”. (→P.384)

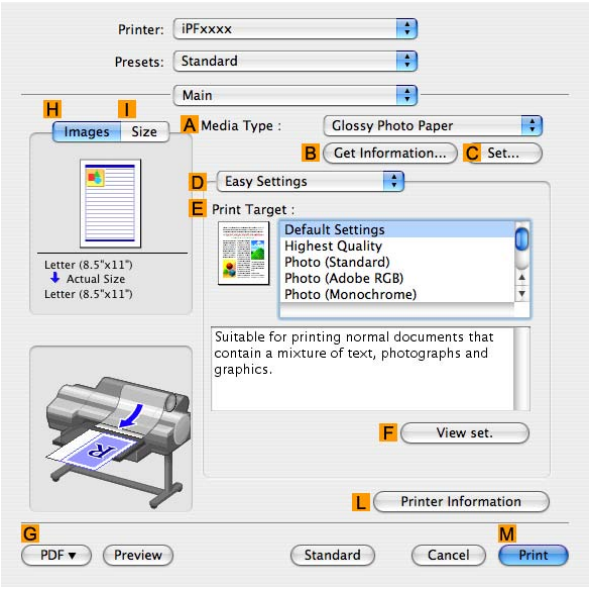
Choosing the Document Type and Printing Conditions (Mac OS X)

You can specify your own print settings instead of using the **Print Target** presets. This topic describes how to print CAD drawings in monochrome.

1. Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.

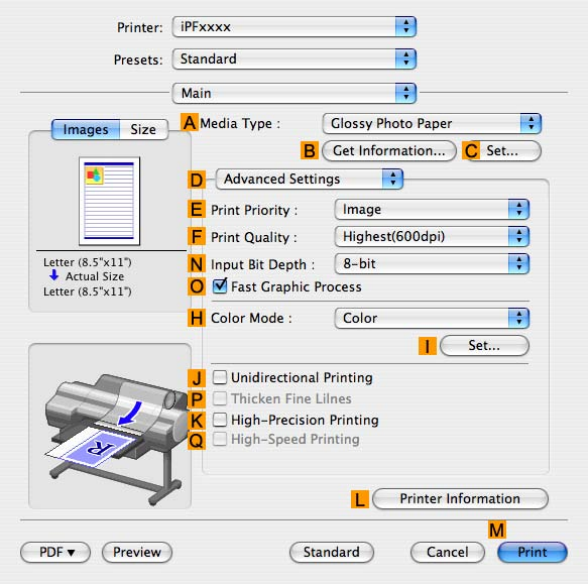


2. Select the printer in the B **Format for** list.
3. Choose the original size in the C **Paper Size** list.
4. Click F **OK** to close the dialog box.
5. In the application menu, choose **Print**.
6. Access the **Main** pane.



7. In the A **Media Type** list, select the type of paper that is loaded.

8. Click D **Advanced Settings** to switch the print mode.



9. Click **Line Drawing** in the E **Print Priority** list.
10. Click **Standard(600dpi)** in the F **Print Quality** list.

Note

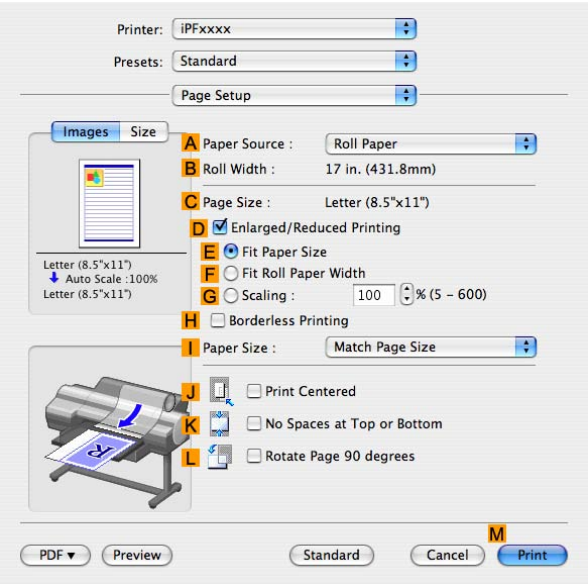
- Options displayed in the F **Print Quality** list vary depending on the paper type.

11. Click **Monochrome** in the H **Color Mode** list.
12. To adjust the brightness and contrast, click I **Set**.

Note

- For instructions on adjusting brightness and contrast, see “Adjusting the Color in the Printer Driver”. (→P.203)

13. Access the **Page Setup** pane.



14. Confirm the settings of A **Paper Source** and C **Page Size**.
15. Confirm the print settings, and then click M **Print** to start printing.


Note

- For tips on confirming print settings, see “Confirming Print Settings (Mac OS X)”. (→P.436)

Choosing Paper for Printing

Choosing a Paper for Printing

Choosing the right paper for your particular printing application will give you the best printing results.

Media type

The printer and printer driver offer print settings optimized for various paper characteristics.

Note

- For information on the types of paper the printer supports, refer to the Paper Reference Guide. (→P.104)
- The types of paper indicated in the printer driver and related software (as well as on the Control Panel) are updated when you install the Media Configuration Tool from the User Software CD-ROM or if you change paper information by using the Media Configuration Tool. For information about the Media Configuration Tool, see the Media Configuration Tool Guide (Windows) or Media Configuration Tool Guide (Macintosh).
- An error message is displayed on the printer Control Panel if the type of paper as specified in the printer driver does not match the type specified on the printer. Although you can print under these conditions, the printing results may not be suitable.

If the paper type is not listed for selection

If the type of paper loaded cannot be selected, try specifying glossy paper or proofing paper as a special paper (Special 1 to Special 5, in this order). BK (Black Ink) is used as the black ink. Try specifying other types of paper as Special 6 to Special 10. MBK (Matte Black Ink) is used as the black ink. Note that higher numbers in this setting enable more vivid colors but may also cause colors to run together.
For instructions on specifying the type of paper before printing, refer to the following topics.

- Selecting the Paper Type (Roll) (→P.222)
- Selecting the Paper Type (Sheet) (→P.223)

Selecting the Paper Type (Roll)

When changing the type of paper after the paper has been advanced, specify the type of paper as follows.

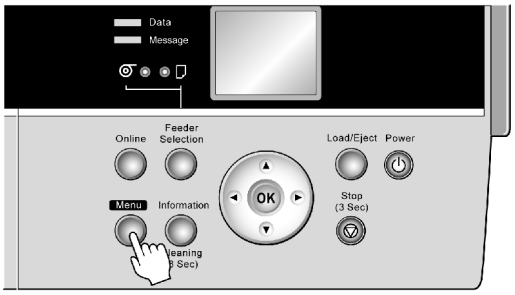
Important

- For best printing results, the printer fine-tunes the feed amount for each type of paper. That's why the margins and the size of printed images may vary depending on the type of paper used. If printing results are not as you expected, adjust the paper feed amount and Printhead height.
(→P.578)
(→P.575)

Note

- After you load the roll, the printer automatically shows a menu for selection of the paper type on the Display Screen, unless a barcode has been printed on the roll or you have activated automatic detection of the remaining roll paper. Select the type of paper, and then press the **OK** button.
If no barcode has been printed on the roll and you have activated automatic detection of the remaining roll paper, specify the roll length after the paper type. (→P.114)

1. Press the **Menu** button to display **MAIN MENU**.

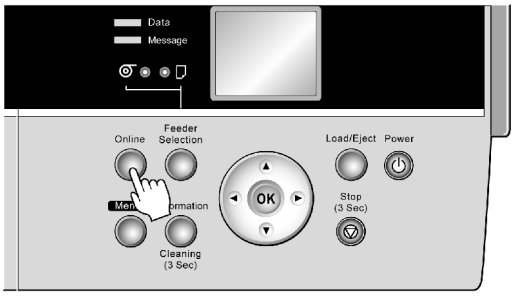


2. Press ▲ or ▼ to select **Media Menu**, and then press the ► button.
3. Press ▲ or ▼ to select **Roll Media Type**, and then press the ► button.
4. Press ▲ or ▼ to select the type of paper loaded in the printer, and then press the **OK** button.

Note

- For details on types of paper, see the Paper Reference Guide. (→P.104)By factory default, Plain Paper is selected.
- Be sure to select the correct paper type. If this setting does not match the loaded paper, it may cause feed errors and affect the printing quality.

5. Press the **Online** button to bring the printer online.



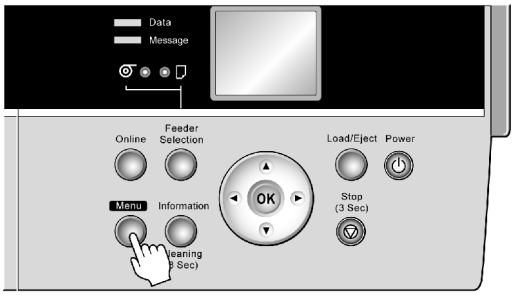
Selecting the Paper Type (Sheet)

When changing the type of paper after the paper has been advanced, specify the type of paper as follows.

Note

- After you press the **Feeder Selection** button to illuminate the **Cut Sheet lamp**, press the **Load/Eject** button to display a screen for selection of the paper type.
  Press ▲ or ▼ to select the type of paper, and then press the **OK** button to display a screen for selection of the paper size. (→P.147)
- If you have sent the print job from a computer beforehand, the screen for paper type and size selection is not displayed. Printing will start after the paper is advanced.

1. Press the **Menu** button to display **MAIN MENU**.

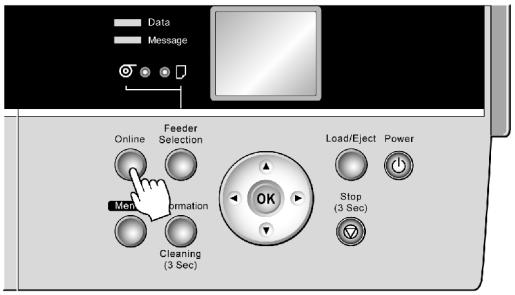


2. Press ▲ or ▼ to select **Media Menu**, and then press the ► button.
3. Press ▲ or ▼ to select **Manual PaperType**, and then press the ► button.
4. Press ▲ or ▼ to select the type of paper loaded in the printer, and then press the **OK** button.

Note

- Select **POP Board** when loading heavyweight paper.
- For details on paper types, see the Paper Reference Guide. (→P.104) Plain Paper is selected by factory default.
- Be sure to select the correct paper type. If this setting does not match the loaded paper, it may cause feed errors and affect the printing quality.

5. Press the **Online** button to bring the printer online.



Specifying Paper in the Printer Driver

If you replace the paper, complete the printer driver settings for the paper type and size.
For instructions on configuring paper settings in the printer driver, refer to the following topics, as appropriate for your computer and operating system.

- Specifying Paper in the Printer Driver (Windows) (→P.225)
- Specifying Paper in the Printer Driver (Mac OS X) (→P.227)

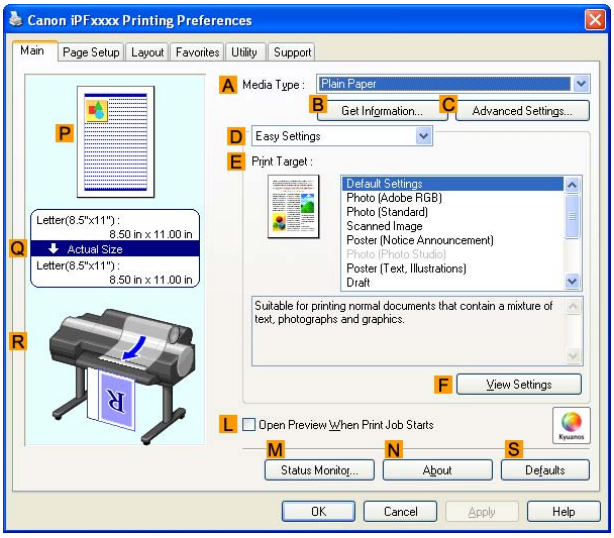
Specifying Paper in the Printer Driver (Windows)

If you have replaced the paper, you must complete the following settings in the printer driver.

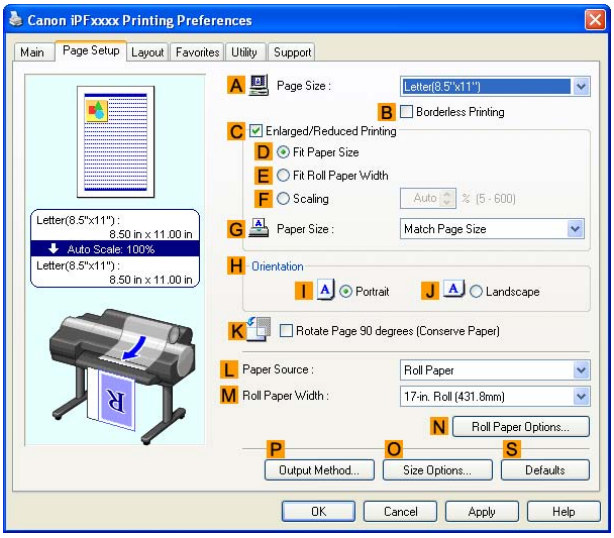
Important

- Always specify the same type and size of paper in the printer menu and printer driver.
  If the type and size do not match, an error message will be displayed and printing is not possible.

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
3. Make sure the **Main** sheet is displayed.



4. In the A **Media Type** list, select the type of paper that is loaded.
5. Click the **Page Setup** tab to display the **Page Setup** sheet.



6. In the A **Page Size** list, select the size of the original as specified in the application.
7. In the L **Paper Source** list, select how paper is supplied.

8. If you have selected **Roll Paper** in **L Paper Source**, select the width of the loaded roll in **M Roll Paper Width**.

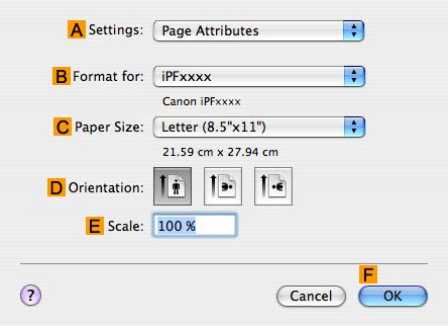
Note

- A variety of settings are available in the printer driver to suit different printing applications.
  For details on available printing conditions, see “Printer Driver Settings (Windows)”. (→P.380)

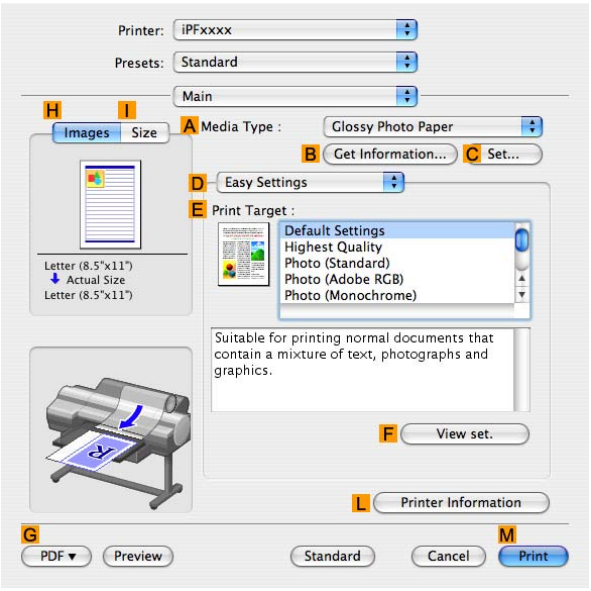
Specifying Paper in the Printer Driver (Mac OS X)

If you have replaced the paper, you must complete the following settings in the printer driver.

1. Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.

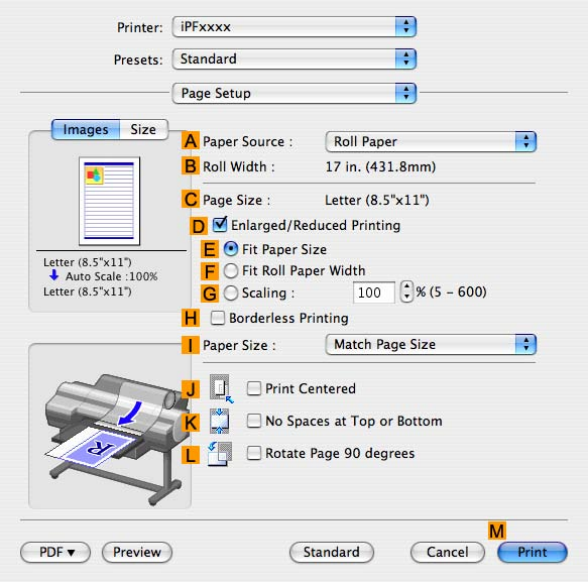


2. Select the printer in the B **Format for** list.
3. Choose the original size in the C **Paper Size** list.
4. Click F **OK** to close the dialog box.
5. Choose **Print** in the application menu.
6. Access the **Main** pane.



7. In the A **Media Type** list, select the type of paper that is loaded.

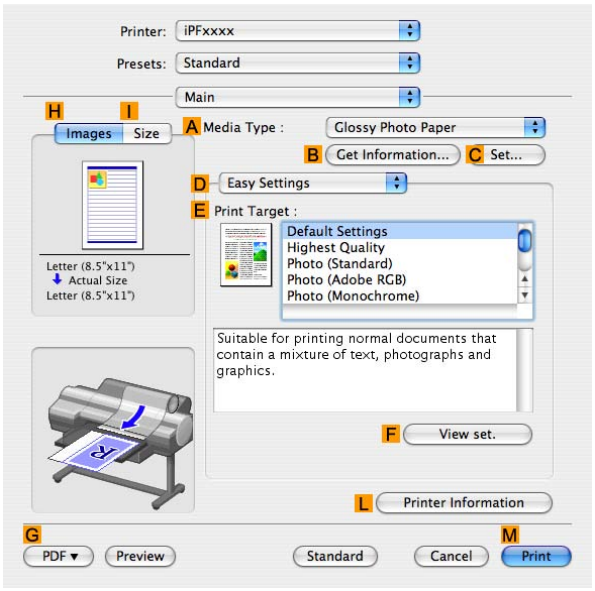
8. Access the **Page Setup** pane.



9. In the A **Paper Source** list, select how paper is supplied.
10. If you have selected **Cut Sheet** or **Manual** in A **Paper Source**, make sure the size as selected in **Page Setup** is displayed in C **Page Size**. If you have selected **Roll Paper** in A **Paper Source**, make sure the width of the loaded roll is displayed in B **Roll Paper Width**.

Note

- If the width of the roll loaded in the printer is not shown in B **Roll Paper Width**, click L **Printer Information** on the **Main** pane to update the printer information.



Note

- A variety of settings are available in the printer driver to suit different printing applications.
  For details on available printing conditions, see “Printer Driver Settings (Mac OS X)”. (→P.433)

Printing enlargements or reductions

Resizing Originals to Match the Paper Size

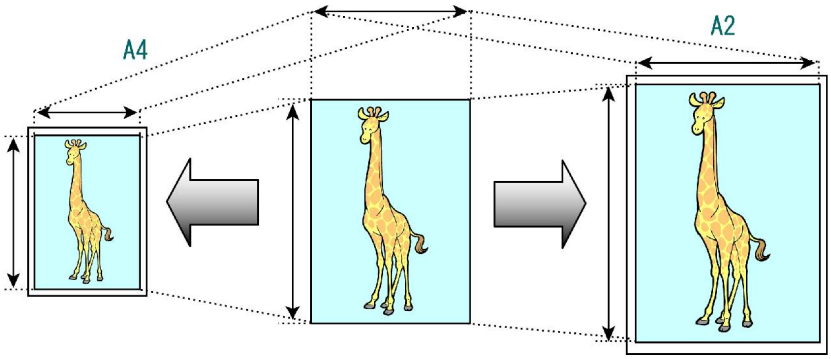
You can freely adjust the size of originals by enlarging or reducing them as desired.

Enlarged/Reduced Printing

Enlarge or reduce the original in the printer driver, as desired.

Fit Paper Size

Enlarge or reduce the original to match the size of the paper you are using.



For instructions on resizing originals to match the paper size, refer to the following topics, as appropriate for your computer and operating system.

- Resizing Originals to Match the Paper Size (Windows) (→P.230)
- Resizing Originals to Match the Paper Size (Mac OS X) (→P.232)

Note

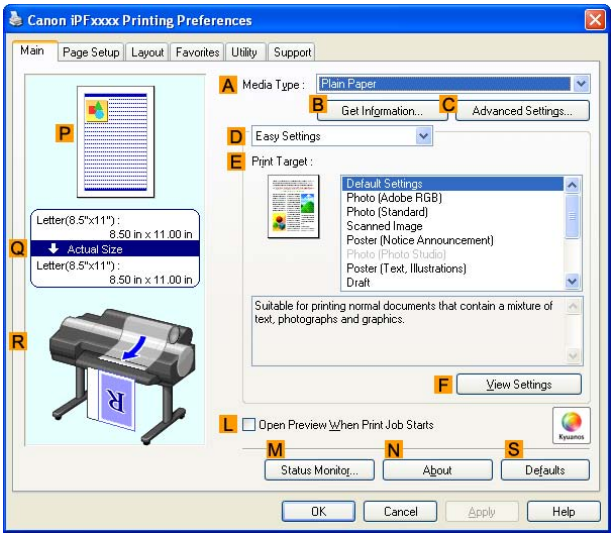
- For better printing results when enlarging photos from a digital camera in TIFF or JPEG format, use an image-editing application software such as Adobe Photoshop to specify an image resolution of 150 dpi or more at actual size.

Resizing Originals to Match the Paper Size (Windows)

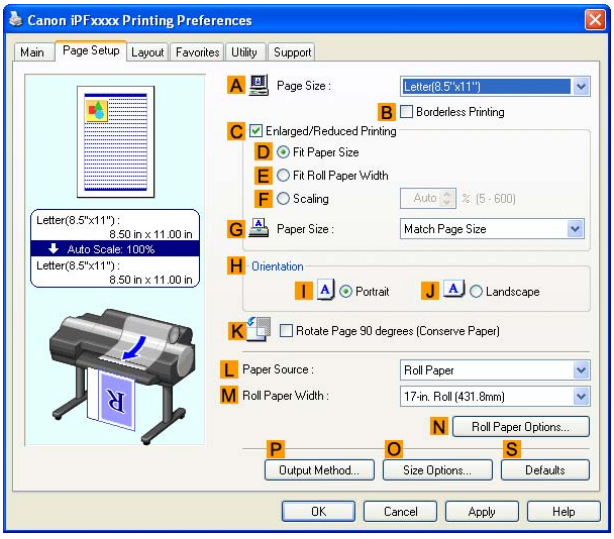
This topic describes how to enlarge originals before printing to match the paper size, based on the following example.

- Document: Any Type
- Page size: A4 (210.0×297.0mm)/Letter (8.3 × 11.7 in)
- Paper: Roll
- Paper type: Plain Paper
- Roll paper width: A2/A3 roll (420.0 mm [16.5 in])

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then open the printer driver dialog box. (→P.390)
3. Make sure the **Main** sheet is displayed.



4. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
5. Select the printing application in the E **Print Target** list.
6. Click the **Page Setup** tab to display the **Page Setup** sheet.



7. Click **Roll Paper** in the L **Paper Source** list.

8. Select the width of the loaded roll in the M **Roll Paper Width** list-in this case, **ISO A2/A3 Roll (420.0mm)**.
9. In the A **Page Size** list, click the size of the original as specified in the application. In this case, click **ISO A4**.
10. Select the C **Enlarged/Reduced Printing** check box.
11. Select the D **Fit Paper Size** check box.
12. Click **ISO A3** in the G **Paper Size** list.
13. Confirm the print settings and print as desired.

Note

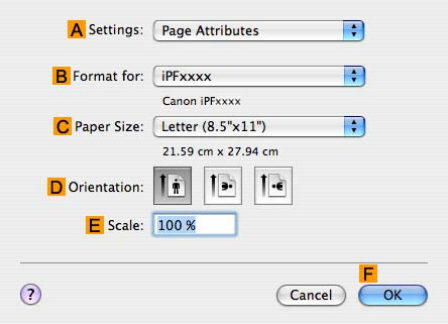
- For tips on confirming print settings, see “Confirming Print Settings (Windows)”. (→P.384)

Resizing Originals to Match the Paper Size (Mac OS X)

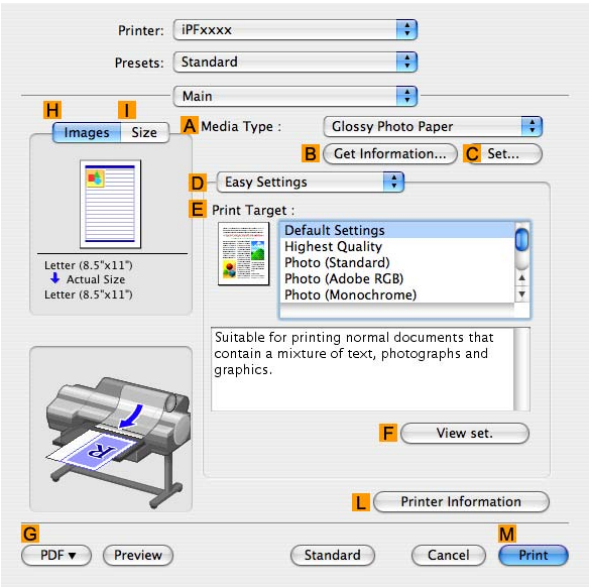
This topic describes how to enlarge originals before printing to match the paper size, based on the following example.

- Document: Any Type
- Page size: A4 (210.0 × 297.0 mm)/Letter (8.3 × 11.7 in)
- Paper: Roll
- Paper type: Plain Paper
- Roll paper width: A2/A3 roll (420.0 mm [16.5 in])

1. Choose **Page Setup** in the application menu to display the **Page Attributes** dialog box.

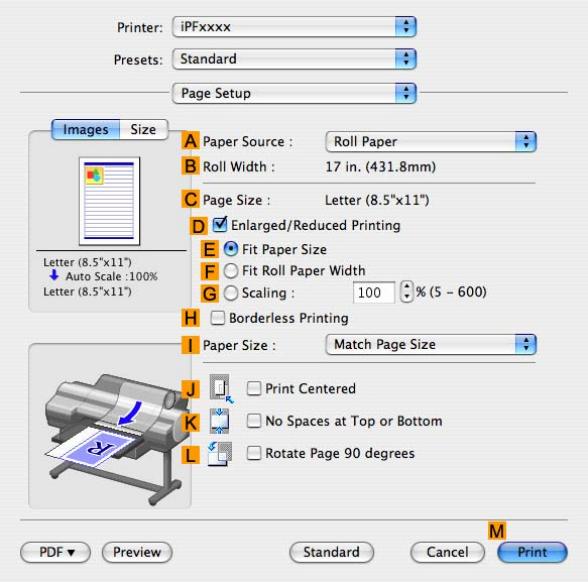


2. Select the printer in the B **Format for** list.
3. In the C **Paper Size** list, click the size of the original. In this case, click **ISO A4**.
4. Click F **OK** to close the dialog box.
5. Choose **Print** in the application menu.
6. Access the **Main** pane.



7. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
8. Select the printing application in the E **Print Target** list.

9. Access the **Page Setup** pane.

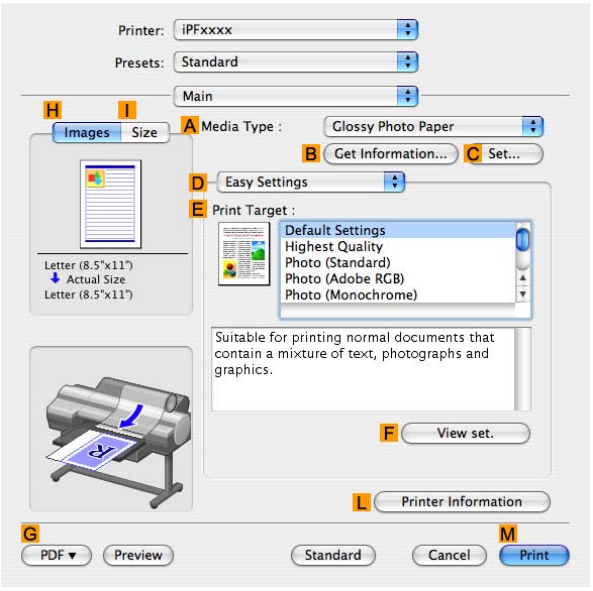


10. Click **Roll Paper** in the **A Paper Source** list.

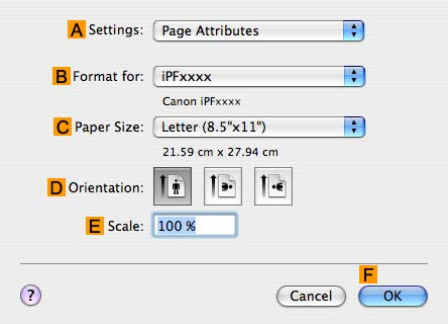
11. Make sure the width of the loaded roll is displayed in the **B Roll Paper Width** list-in this case, **ISO A2/A3 (420.0mm)**.

Note

- If the width of the roll loaded in the printer is not shown in **B Roll Paper Width**, click **L Printer Information** on the **Main** pane to update the printer information.



12. Make sure C **Page Size** on the **Page Setup** pane shows the original size as specified in C **Paper Size** in the **Page Attributes** dialog box-in this case, **ISO A4**.



13. Select the D **Enlarged/Reduced Printing** check box.
14. Make sure E **Fit Paper Size** is selected.
15. Click **ISO A3** in the I **Paper Size** list.
16. Confirm the print settings, and then click M **Print** to start printing.

Note

- For tips on confirming print settings, see “Confirming Print Settings (Mac OS X)”. (→P.436)

Resizing Originals to Fit the Roll Width

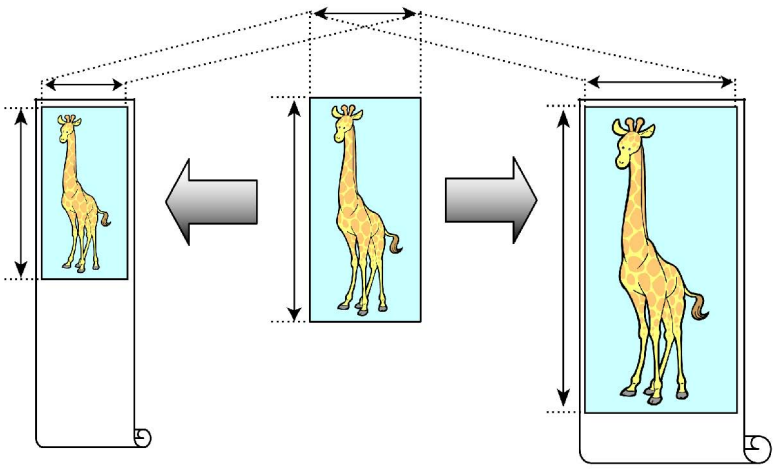
You can freely adjust the size of originals by enlarging or reducing them as desired.

Enlarged/Reduced Printing

Enlarge or reduce the original in the printer driver, as desired.

Fit Roll Paper Width

Enlarge or reduce the original as a whole to match the roll paper width, as desired.



For instructions on resizing originals to match the roll paper width, refer to the following topics, as appropriate for your computer and operating system.

- Resizing Originals to Fit the Roll Width (Windows) (→P.236)
- Resizing Originals to Fit the Roll Width (Mac OS X) (→P.238)

Note

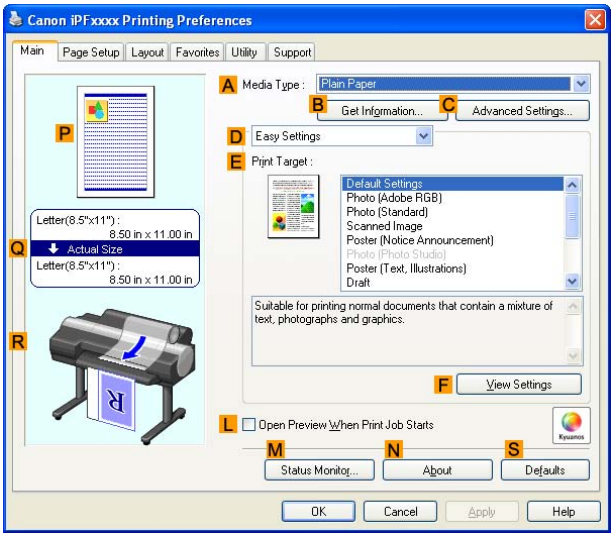
- For better printing results when enlarging photos from a digital camera in TIFF or JPEG format, use an image-editing application software such as Adobe Photoshop to specify an image resolution of 150 dpi or more at actual size.

Resizing Originals to Fit the Roll Width (Windows)

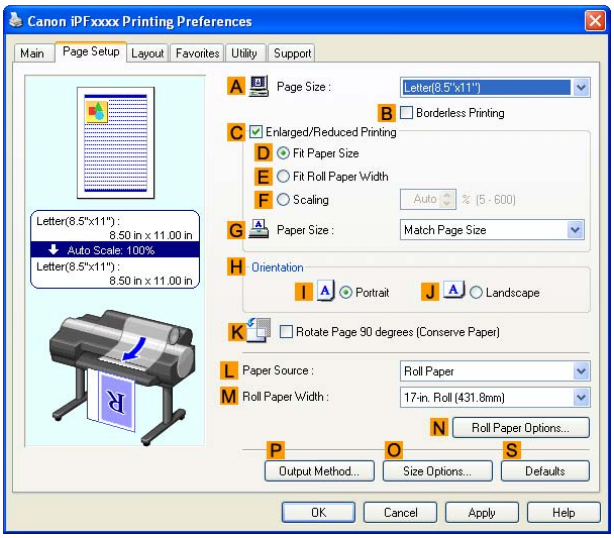
This topic describes how to enlarge originals before printing to match the roll width, based on the following example.

- Document: Any type
- Page size: A4 (210.0×297.0 mm)/Letter (8.3 × 11.7 in)
- Paper: Roll
- Paper type: Plain Paper
- Roll paper width: 16 inches (406.4 mm)

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
3. Make sure the **Main** sheet is displayed.



4. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
5. Select the printing application in the E **Print Target** list.
6. Click the **Page Setup** tab to display the **Page Setup** sheet.

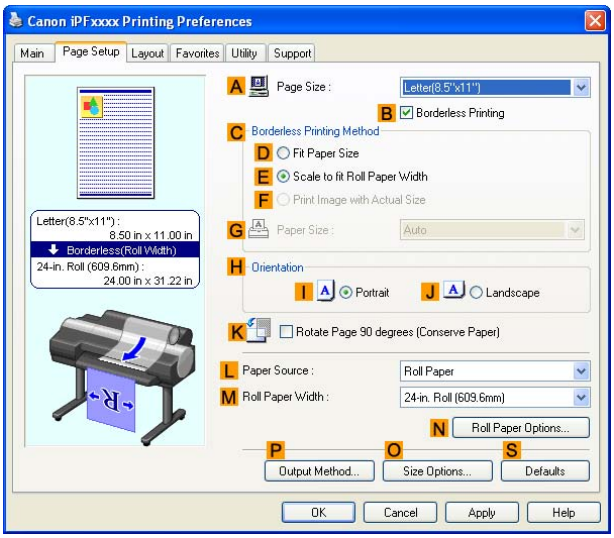


7. Click **Roll Paper** in the L **Paper Source** list.
8. In the A **Page Size** list, click the size of the original as specified in the application. In this case, click **ISO A4** or **Letter (8.5"x11")**.

9. Select the C **Enlarged/Reduced Printing** check box.

Note

- If the **Enlarged/Reduced Printing** check box is not displayed on the **Page Setup** sheet, clear the B **Borderless Printing** check box.



10. Click E **Fit Roll Paper Width**.

Note

- After you click E **Fit Roll Paper Width**, the **Information** dialog box is displayed. Select the width of the loaded roll in the **Roll Paper Width** list and click **OK**.
- Make sure the roll paper width you specify matches the width of the loaded roll.

11. Confirm the print settings and print as desired.

Note

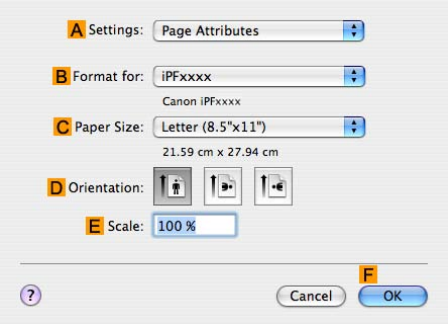
- For tips on confirming print settings, see “Confirming Print Settings (Windows)”. (→P.384)

Resizing Originals to Fit the Roll Width (Mac OS X)

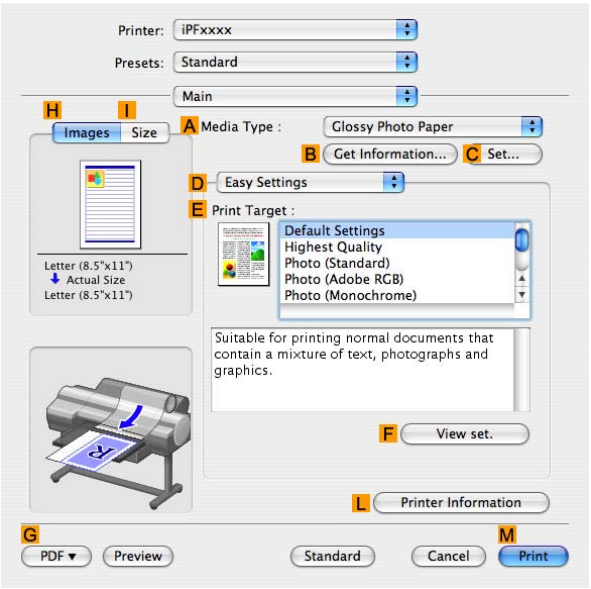
This topic describes how to enlarge originals before printing to match the roll width, based on the following example.

- Document: Any type
- Page size: A4 (210.0×297.0 mm)/Letter (8.3 × 11.7 in)
- Paper: Roll
- Paper type: Plain Paper
- Roll paper width: 16 inches (406.4 mm)

1. Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.

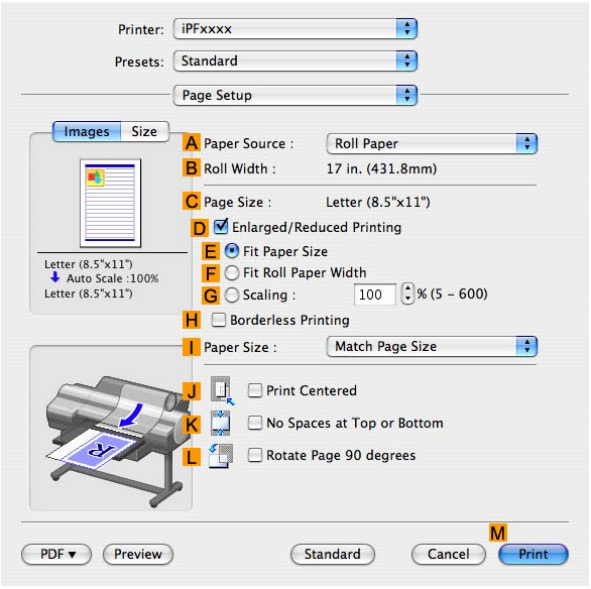


2. Select the printer in the B **Format for** list.
3. In C **Paper Size**, click the size of the original. In this case, click **ISO A4**.
4. Click F **OK** to close the dialog box.
5. Choose **Print** in the application menu.
6. Access the **Main** pane.



7. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
8. Select the print target in the E **Print Target** list.

9. Access the **Page Setup** pane.

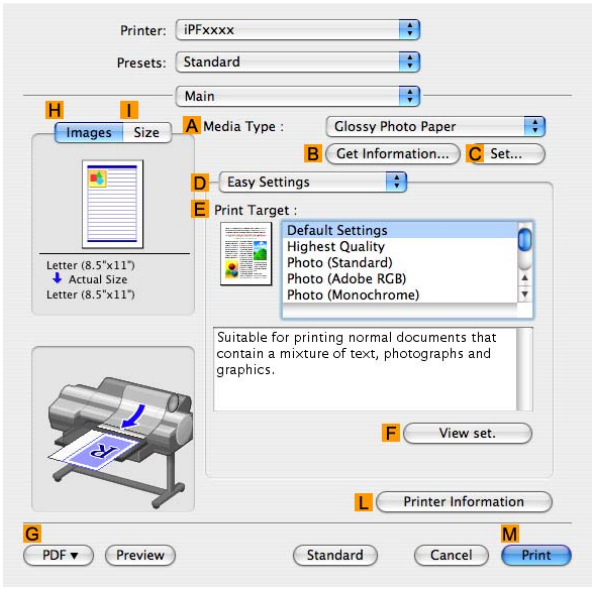


10. Click **Roll Paper** in the **A Paper Source** list.

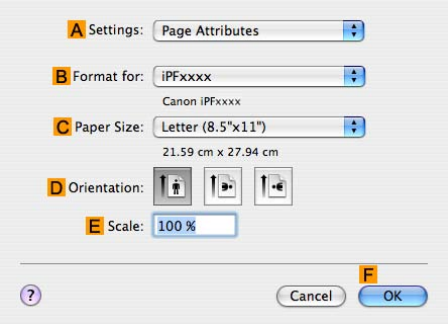
11. Make sure the width of the loaded roll is displayed in the **B Roll Paper Width** list-in this case, **16 in. (406.4mm)**.

Note

- If the width of the loaded roll is not displayed in **B Roll Paper Width**, click **L Printer Information** on the **Main** pane and update the printer information.



12. Make sure the C **Page Size** setting matches the original size as selected in C **Paper Size** in the **Page Attributes** dialog box-in this case, **ISO A4**.



13. Select the D **Enlarged/Reduced Printing** check box.
14. Click F **Fit Roll Paper Width**.
15. Confirm the print settings, and then click M **Print** to start printing.

Note

- For tips on confirming print settings, see “Confirming Print Settings (Mac OS X)”. (→P.436)

Resizing Originals by Entering a Scaling Value

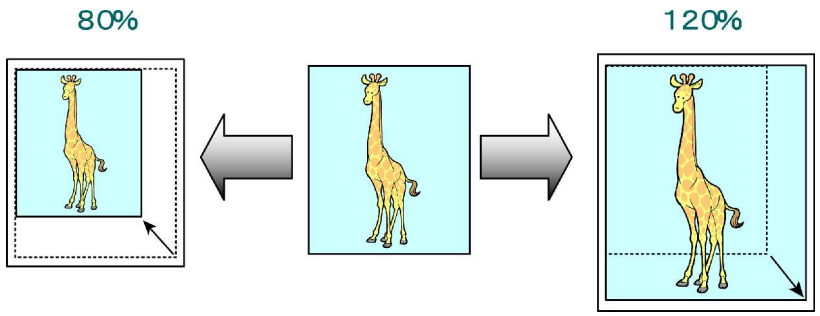
You can freely adjust the size of originals by enlarging or reducing them as desired.

Enlarged/Reduced Printing

Enlarge or reduce the original in the printer driver, as desired.

Scaling

Enlarge or reduce originals by a particular amount, as desired.



For instructions on entering a scaling value to resize originals, refer to the following topics, as appropriate for your computer and operating system.

- Resizing Originals by Entering a Scaling Value (Windows) (→P.242)
- Resizing Originals by Entering a Scaling Value (Mac OS X) (→P.244)

Note

- For better printing results when enlarging photos from a digital camera in TIFF or JPEG format, use an image-editing application software such as Adobe Photoshop to specify an image resolution of 150 dpi or more at actual size.

Resizing Originals by Entering a Scaling Value (Windows)

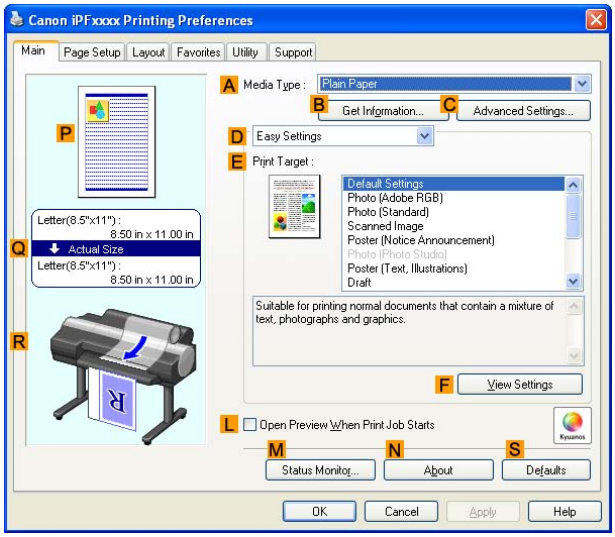
This topic describes how to enlarge originals before printing by entering a scaling value, based on the following example.

- Document: Any type
- Page size: A4 (210.0×297.0 mm)/Letter (8.3 × 11.7 in)
- Paper: Roll
- Paper type: Plain Paper
- Roll paperr width: A2/A3 roll (420.0 mm [16.5 in])

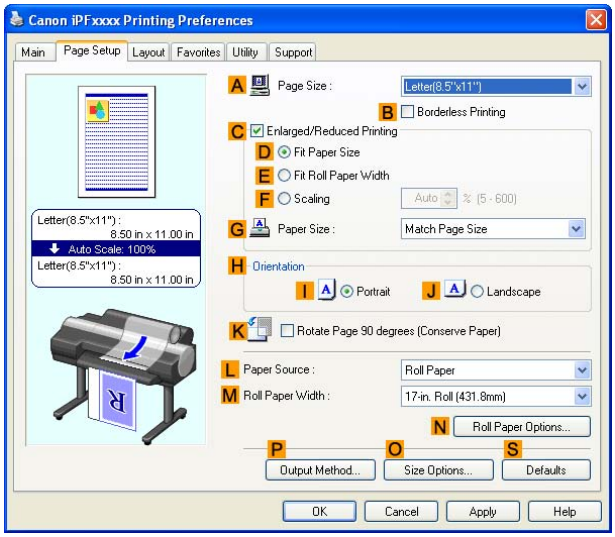
Important

- In borderless printing, you cannot resize originals by entering a scaling value.

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
3. Make sure the **Main** sheet is displayed.



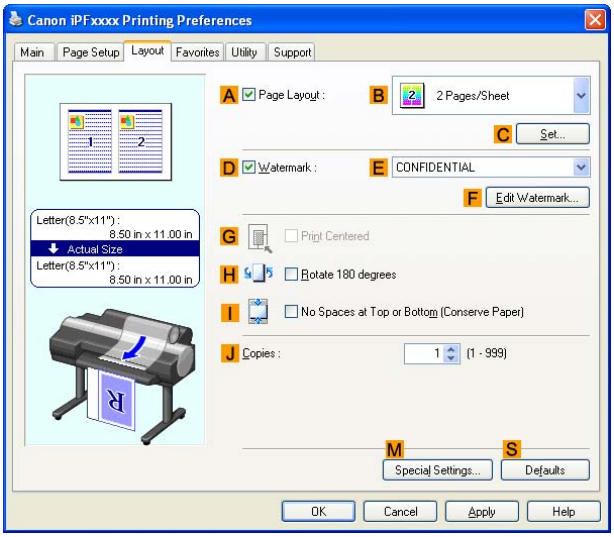
4. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
5. Select the print target in the E **Print Target** list.
6. Click the **Page Setup** tab to display the **Page Setup** sheet.



7. Click **Roll Paper** in the L **Paper Source** list.
8. Select the width of the loaded roll in the M **Roll Paper Width** list-in this case, **ISO A2/A3 Roll (420.0mm)**.
9. In the A **Page Size** list, click the size of the original as specified in the application. In this case, click **ISO A4** or **Letter (8.5"x11")**.
10. Select the C **Enlarged/Reduced Printing** check box.
11. Click **ISO A4** in the G **Paper Size** list.
12. Click F **Scaling** and enter “120.”

Note

- You can specify enlargement that exceeds the paper size, but in this case, the portion off the edge of the paper will not be printed.
- If the original size after enlargement or reduction is smaller than the paper size, the original is printed in the upper-left corner. In this case, you can center originals by selecting G **Print Centered** on the **Layout** sheet.



13. Confirm the print settings and print as desired.

Note

- For tips on confirming print settings, see “Confirming Print Settings (Windows)”. (→P.384)

Resizing Originals by Entering a Scaling Value (Mac OS X)

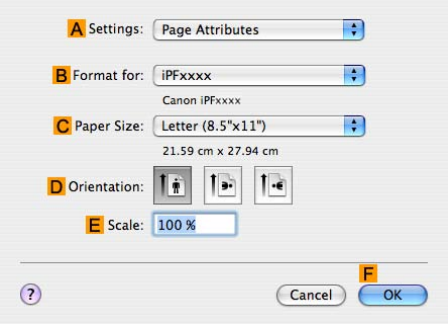
This topic describes how to enlarge originals before printing by entering a scaling value, based on the following example.

- Document: Any type
- Page size: A4 (210.0×297.0 mm)/Letter (8.3 × 11.7 in)
- Paper: Roll
- Paper type: Plain Paper
- Roll paper width: A2/A3 roll (420.0 mm [16.5 in])

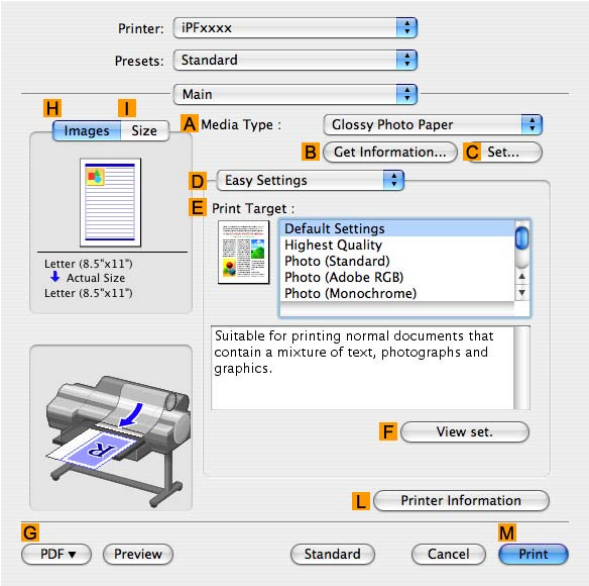
Important

- In borderless printing, you cannot resize originals by entering a scaling value.

1. Choose **Page Setup** in the application menu to display the **Page Attributes** dialog box.

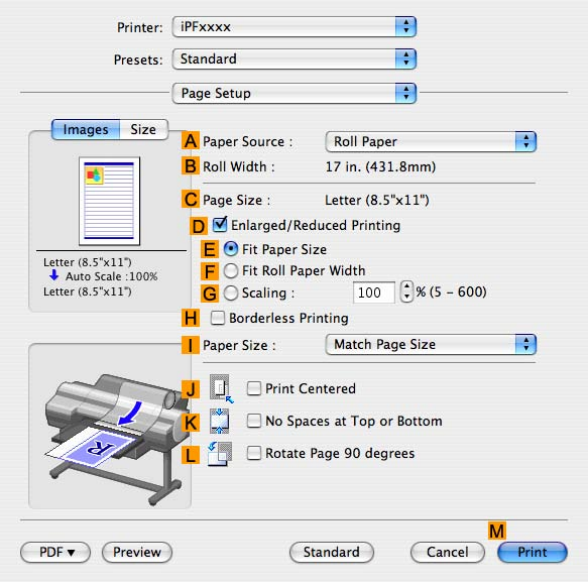


2. Select the printer in the B **Format for** list.
3. In C **Paper Size**, click the size of the original. In this case, click **ISO A4**.
4. Click F **OK** to close the dialog box.
5. Choose **Print** in the application menu.
6. Access the **Main** pane.



7. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
8. Select the print target in the E **Print Target** list.

9. Access the **Page Setup** pane.

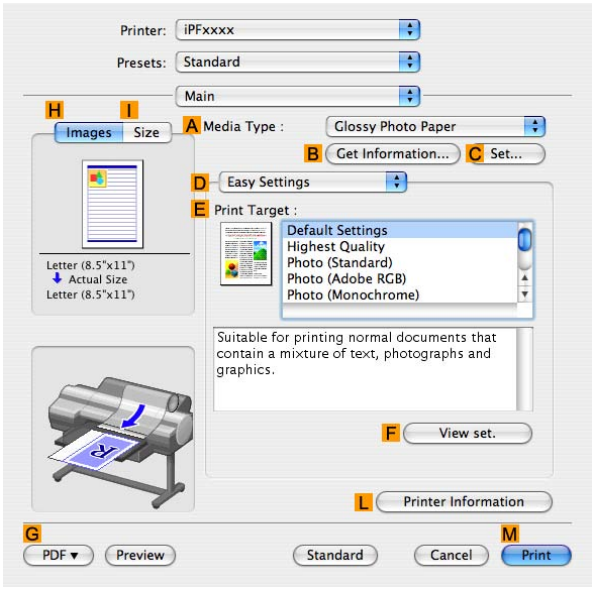


10. Click **Roll Paper** in the **A Paper Source** list.

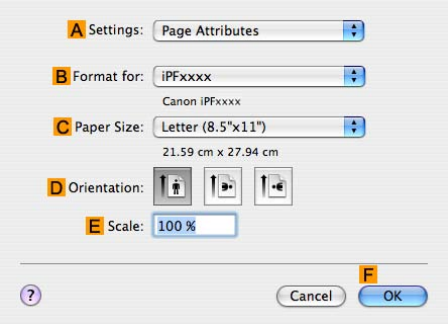
11. Make sure the width of the loaded roll is displayed in the **B Roll Paper Width** list-in this case, **ISO A2/A3 (420.0mm)**.

Note

- If the width of the loaded roll is not displayed in **B Roll Paper Width**, click **L Printer Information** on the **Main** pane and update the printer information.



12. Make sure the C **Page Size** setting matches the original size as selected in C **Paper Size** in the **Page Attributes** dialog box-in this case, **ISO A4**.



13. Select the D **Enlarged/Reduced Printing** check box.

14. Click G **Scaling** and enter “120.”

Note

- You can specify enlargement that exceeds the paper size, but in this case, the portion off the edge of the paper will not be printed.
- If the original size after enlargement or reduction is smaller than the paper size, the original is printed in the upper-left corner. In this case, you can center originals by selecting the J **Print Centered** check box.

15. Confirm the print settings, and then click M **Print** to start printing.

Note

- For tips on confirming print settings, see “Confirming Print Settings (Mac OS X)”. (→P.436)

Printing Enlargements of Scanned Originals from a Color imageRUNNER

Scanned originals from a Color imageRUNNER can be enlarged and printed automatically.
For instructions on printing enlargements of scanned originals from a Color imageRUNNER, refer to the following topic.

- Printing Enlargements of Scanned Originals from a Color imageRUNNER (Windows) (→P.248)
- Printing Enlargements of Scanned Originals from a Color imageRUNNER (Mac OS X) (→P.250)

Printing Enlargements of Scanned Originals from a Color imageRUNNER (Windows)

Scanned originals from a Color imageRUNNER can be enlarged and printed automatically.
Originals you create by scanning with a Color imageRUNNER are transferred to a "hot folder" and printed automatically after enlargement according to printing conditions you specify for that folder.
This processing sequence is called the Color imageRUNNER Enlargement Copy function.
To use Color imageRUNNER Enlargement Copy, first complete these settings in the following order.

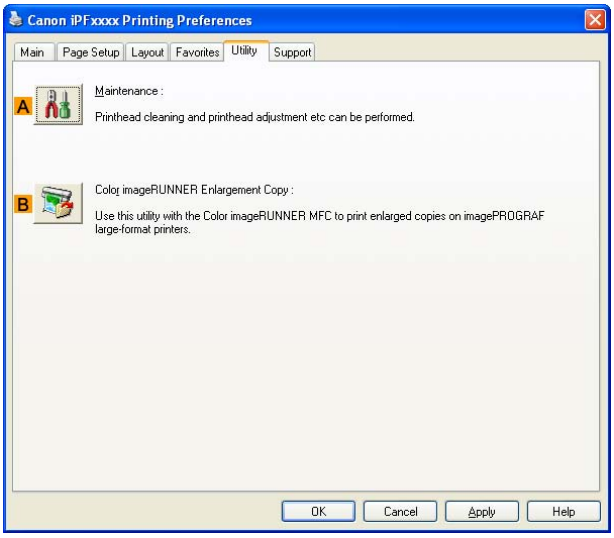
1. Register a hot folder on your computer.
   Register a hot folder on your computer for storing scanned originals from the Color imageRUNNER and complete the settings for enlargement copy.
2. Complete the scanning settings on the Color imageRUNNER.
   Configure the Color imageRUNNER to send scanned originals to the hot folder.

After these settings are complete, you can print enlarged copies of scanned originals from the Color imageRUNNER.

Registering a hot folder on your computer

Folders used for **Color imageRUNNER Enlargement Copy** (iR enlargement copy) are called hot folders. Register a hot folder on your computer for storing scanned originals from the Color imageRUNNER. You can specify printing conditions (such as the image quality and paper size), based on which originals transferred to the hot folder will be printed. Follow these steps to register and modify hot folders.

1. Display the printer driver dialog box. (→P.392)
2. Click the **Utility** tab to display the **Utility** sheet.



3. Click B **Color imageRUNNER Enlargement Copy** to start the Color imageRUNNER Enlargement Copy utility.
4. Use the Color imageRUNNER Enlargement Copy utility to register or modify hot folders.
   For instructions on registering and modifying hot folders, refer to the help file for the Color imageRUNNER Enlargement Copy utility.

Completing the scanning settings on the Color imageRUNNER.

Configure the Color imageRUNNER to send scanned originals to the hot folder. It is easy to send scanned originals to the hot folder if you assign the scanning settings and destination to a **Favorites** button on the Color imageRUNNER.
For instructions on assigning scanning settings and destinations to a **Favorites** button, refer to the setting manual, displayed by clicking **Color imageRUNNER Enlargement Copy Setup Manual** button of Color imageRUNNER Enlargement Copy utility, or refer to the Color imageRUNNER manual.

Scanning the original and print an enlargement

Follow the steps below to scan an original on the Color imageRUNNER for enlarged printing on the printer. For detailed instructions, refer to the Color imageRUNNER manual.

1. Load the original on the platen glass or document feeder of the Color imageRUNNER.
2. Press **Send** to display the screen for transmission.
3. Press **Favorites**, and then press the **Favorites** button assigned to the hot folder.
4. Press **Start** on the control panel. If you scan originals on the platen glass, after scanning all originals, press **Done** on the touch-panel display.
   Scanned originals are sent to the hot folder and automatically enlarged and printed following the conditions you specified for the folder.


Note

- For details on Color imageRUNNER Enlargement Copy, refer to Color imageRUNNER Enlargement Copy .

Printing Enlargements of Scanned Originals from a Color imageRUNNER (Mac OS X)

Scanned originals from a Color imageRUNNER can be enlarged and printed automatically.
Originals you create by scanning with a Color imageRUNNER are transferred to a "hot folder" and printed automatically after enlargement according to printing conditions you specify for that folder.
This processing sequence is called the Color imageRUNNER Enlargement Copy function.
To use Color imageRUNNER Enlargement Copy, first complete these settings in the following order.

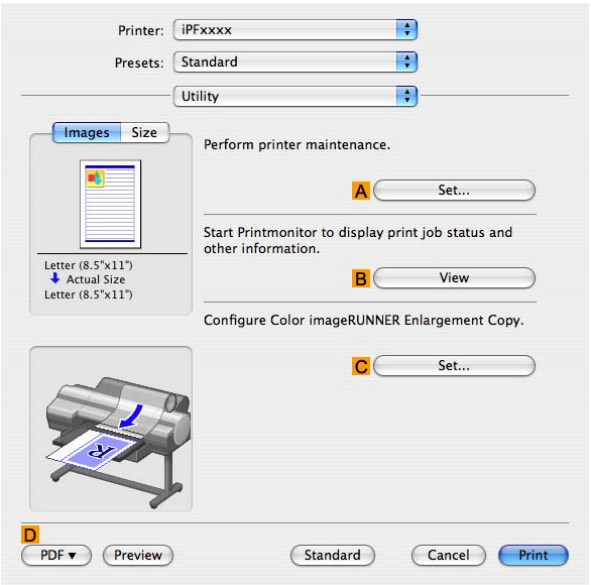
1. Register a hot folder on your computer.
   Register a hot folder on your computer for storing scanned originals from the Color imageRUNNER and complete the settings for enlargement copy.
2. Complete the scanning settings on the Color imageRUNNER.
   Configure the Color imageRUNNER to send scanned originals to the hot folder.

After these settings are complete, you can print enlarged copies of scanned originals from the Color imageRUNNER.

Registering a hot folder on your computer

Folders used for **Color imageRUNNER Enlargement Copy** (iR enlargement copy) are called hot folders. Register a hot folder on your computer for storing scanned originals from the Color imageRUNNER. You can specify printing conditions (such as the image quality and paper size), based on which originals transferred to the hot folder will be printed. Follow these steps to register and modify hot folders.

1. To display the **Color imageRUNNER Enlargement Copy** dialog box, either double-click the **Color imageRUNNER Enlargement Copy.app** icon after navigating to **Canon Utilities** - **imagePROGRAF** in the **Applications** folder or click **C** **Set** in the **Utility** pane.



2. In **Enlarged Copy Settings**, click **Add** or **Edit** and either create or modify the hot folder.
   For instructions on registering and modifying hot folders, refer to the help file for **Color imageRUNNER Enlargement Copy**.

Completing the scanning settings on the Color imageRUNNER.

Configure the Color imageRUNNER to send scanned originals to the hot folder. It is easy to send scanned originals to the hot folder if you assign the scanning settings and destination to a **Favorites** button on the Color imageRUNNER.
For instructions on assigning scanning and sending settings to the **Favorites** button, refer to the Color imageRUNNER manual.

Scanning the original and print an enlargement

Follow the steps below to scan an original on the Color imageRUNNER for enlarged printing on the printer.
For detailed instructions, refer to the Color imageRUNNER manual.

1. Load the original on the platen glass or document feeder of the Color imageRUNNER.
2. Press **Send** to display the screen for transmission.
3. Press **Favorites**, and then press the **Favorites** button assigned to the hot folder.
4. Press **Start** on the control panel. If you scan originals on the platen glass, after scanning all originals, press **Done** on the touch-panel display.
   Scanned originals are sent to the hot folder and automatically enlarged and printed following the conditions you specified for the folder.


Note

- For details on Color imageRUNNER Enlargement Copy, see Color imageRUNNER Enlargement Copy .

Printing at full size

Printing on Oversized Paper

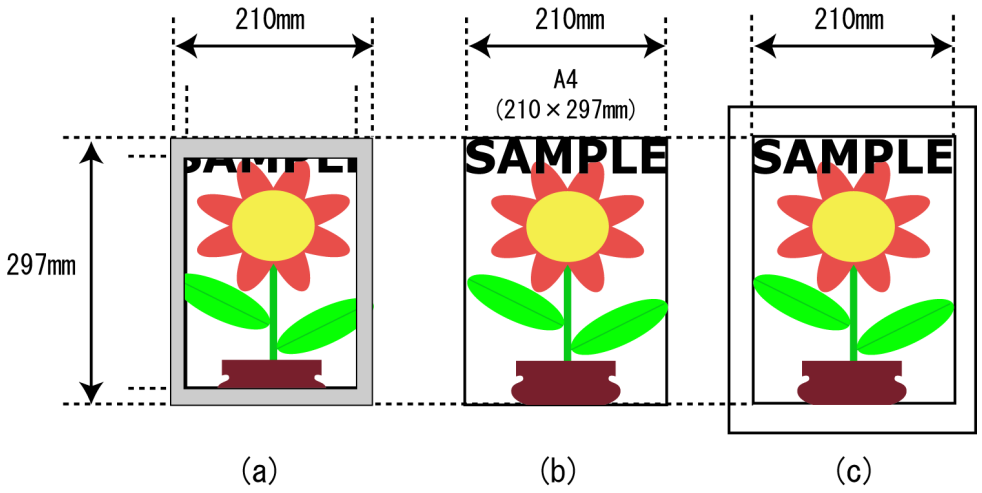
Except in borderless printing, the actual printing area corresponds to your selected paper size minus the space for a margin. (→P.84) To print documents or images you prepare without a margin at actual size, use an oversized paper size.
For example, to print a A4-sized original without a margin at A4 size, print it on paper larger than A4 size and cut away the excess margin.

Note

- If you prepare an original for printing without a margin and print it on paper of regular size, the image near the edge will not be printed.

Oversize

The margin required by the printer is added around the “outside” of a regular paper size. For example, when printing a A4-sized original (210×297 mm), you have the following options.



a. Regular paper size: Gray area not printed
b. Page Size
c. Oversized paper size: Print area matches the page size (b)

Important

- When printing on oversize paper, load paper larger than the page size-a size that includes the margin required by the printer.
  - Sheets: Load paper that is at least 6 mm (0.24 in) wider and 26 mm (1 in) higher than the page size
  - Rolls: Load paper that is at least 6 mm (0.24 in) wider and 6 mm (0.24 in) higher than the page size
- Paper larger than the maximum size supported by the printer cannot be used as paper for oversized printing. (→P.109)

Note

- Oversized printing (selecting **Oversize** in **Page Size**) is only available in Windows. For oversized printing on sheets, choose **Manual** as the paper source.
- To perform oversized printing on a Macintosh computer, you must specify a non-standard page size and print on it.
- To specify a non-standard paper size in oversized printing, register the paper size as a **Custom Paper Size**. Oversized printing is not available with “Custom Size.” (→P.295)

For instructions on oversized printing, refer to the following topics, as appropriate for your computer and operating system.

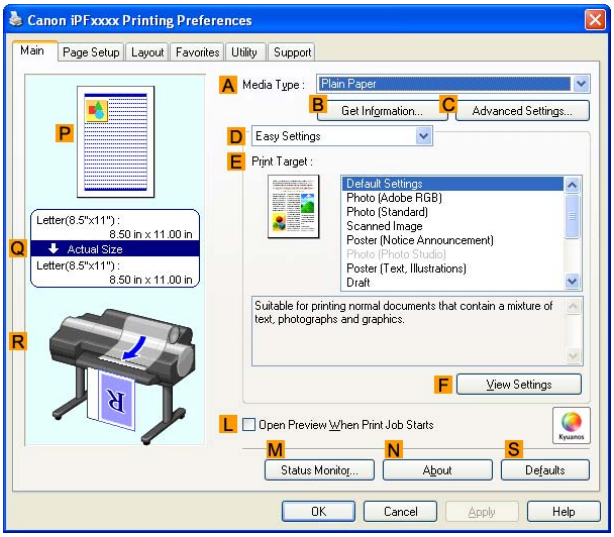
- Printing at Full Size (Windows) (→P.254)
- Printing at Full Size (Mac OS X) (→P.256)

Printing at Full Size (Windows)

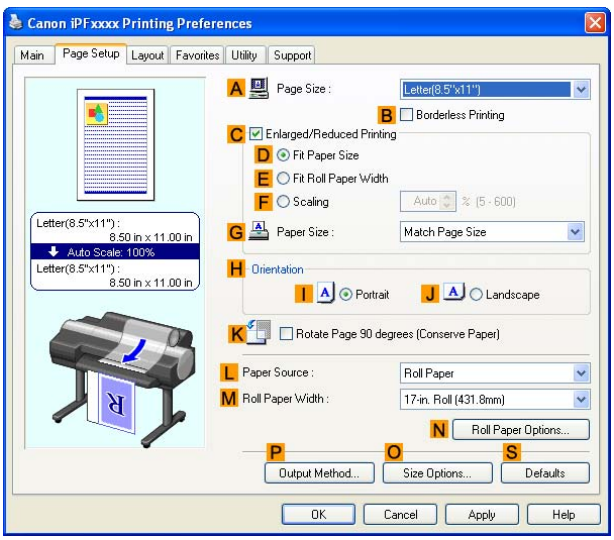
This topic describes how to print at full size based on the following example. (Oversized Printing)

- Document: Any Type
- Page Size: A4 (210.0×297.0 mm)/Letter (8.3 × 11.7 in)
- Paper: Roll
- Paper type: Plain Paper
- Roll paper width: A2/A3 roll (420.0 mm [16.5 in])

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
3. Make sure the **Main** sheet is displayed.



4. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
5. Click the **Page Setup** tab to display the **Page Setup** sheet.



6. Click O **Size Options** to display the **Paper Size Options** dialog box.
7. In the **Paper Size Options** dialog box, select the **Oversize** check box in **Display Series**.
8. Click **OK** to close the **Paper Size Options** dialog box.
9. Click **Oversize - ISO A4** in the A **Page Size** list.

10. Click **Roll Paper** in the L **Paper Source** list.
11. Select the width of the loaded roll in the M **Roll Paper Width** list-in this case, **ISO A2/A3 Roll (420.0mm)**.
12. Confirm the print settings and print as desired.

Note

- For tips on confirming print settings, see “Confirming Print Settings (Windows)”. (→P.384)

Note

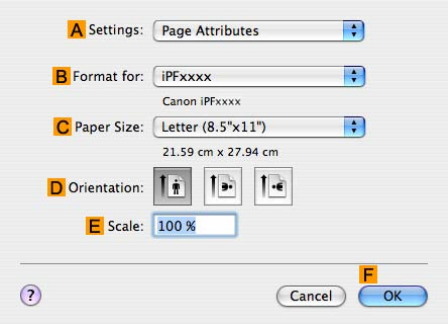
- You can select **Oversize** in **Display Series** to make all oversized versions of paper in the selected **Display Series** available for printing. These sizes are displayed in the **Page Size** list in the format **Oversize - xxxxxx**.

Printing at Full Size (Mac OS X)

This topic describes how to print at full size based on the following example. (Oversized Printing)

- Document: Any type
- Page size: A4 (210.0×297.0 mm)/Letter (8.3 × 11.7 in)
- Paper: Roll
- Paper type: Plain Paper
- Roll paper width: A2/A3 roll (420.0 mm [16.5 in])

1. Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.

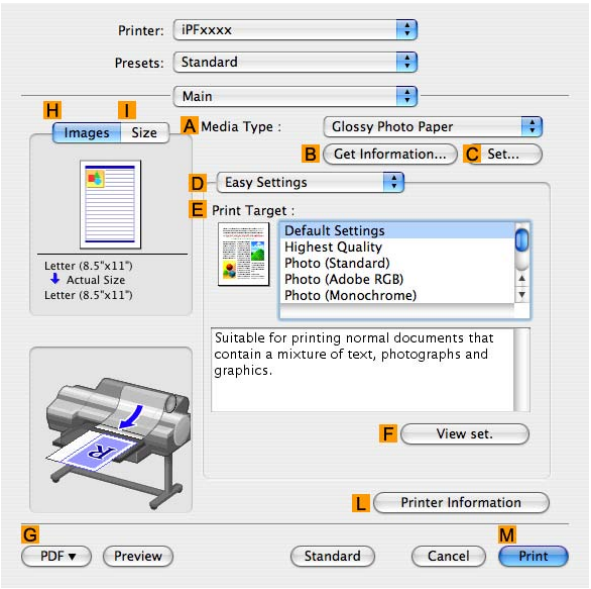


2. Select the printer in the B **Format for** list.
3. In C **Paper Size**, click the size of the original. In this case, click **ISO A4 - Oversize**.

Note

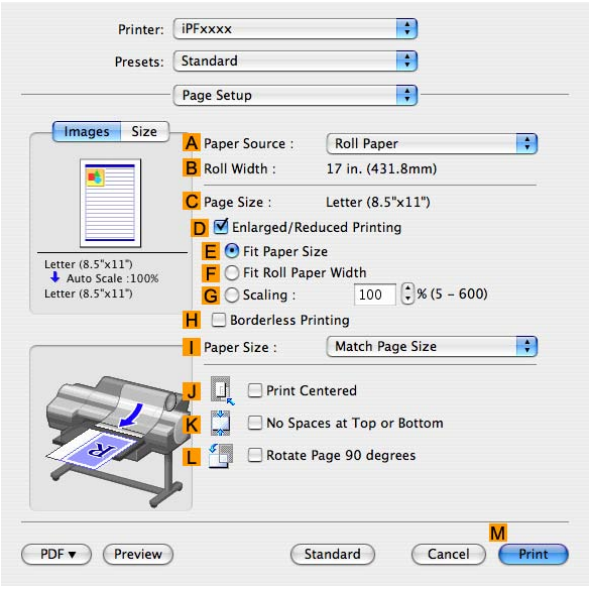
- For oversized printing, choose paper identified by the regular paper name followed by “- Oversize.”

4. Click F **OK** to close the dialog box.
5. Choose **Print** in the application menu.
6. Access the **Main** pane.



7. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
8. Select the printing application in the E **Print Target** list.

9. Access the **Page Setup** pane.

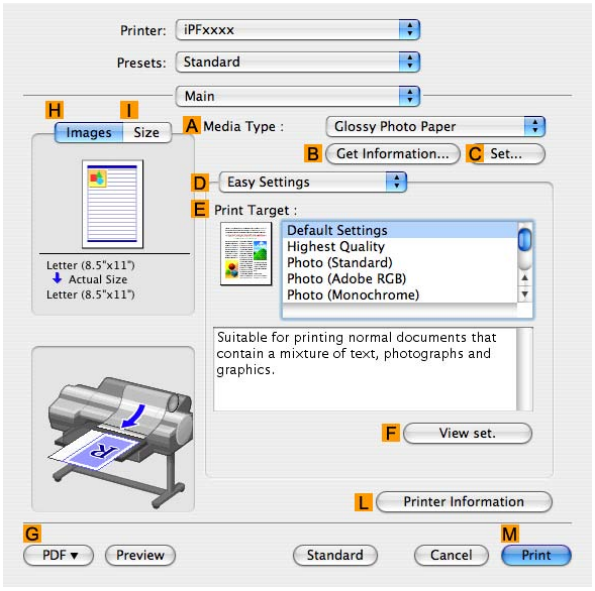


10. Click **Roll Paper** in the **A Paper Source** list.

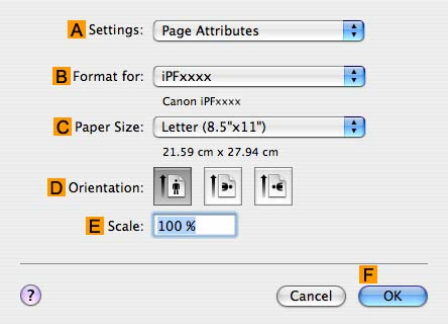
11. Make sure the width of the loaded roll is displayed in the **B Roll Paper Width** list-in this case, **ISO A2/A3 (420.0mm)**.

Note

- If the width of the loaded roll is not displayed in **B Roll Paper Width**, click **L Printer Information** on the **Main** pane and update the printer information.



12. Make sure C **Page Size** shows the original size as specified in C **Paper Size** in the **Page Attributes** dialog box-in this case, **ISO A4 - Oversize**.



13. Confirm the print settings, and then click M **Print** to start printing.

Note

- For tips on confirming print settings, see “Confirming Print Settings (Mac OS X)”. (→P.436)

Borderless Printing at Actual Size

Take advantage of borderless printing to print documents such as posters (made up mainly of photos or images) without a surrounding margin, or border.

Borderless Printing

In regular printing, a margin required by the printer is added around the original. With borderless printing, you can print documents without the margin, so that the printed image covers the entire surface of the paper.

Important

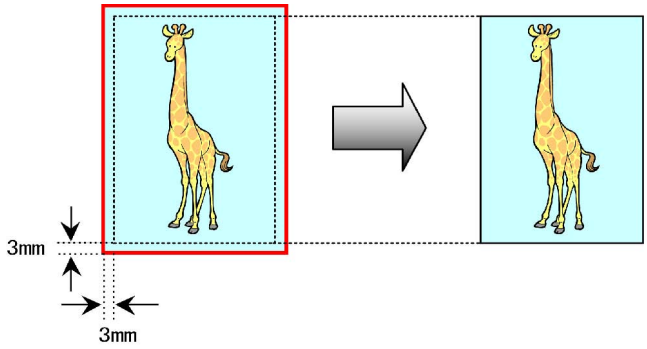
- Borderless printing is only available with rolls.
- Paper you can use for borderless printing is restricted to particular types of paper and rolls of particular widths. For information on types of paper compatible with borderless printing, refer to the Paper Reference Guide. (→P.104)
- If you use an A1 or A2 roll for borderless printing, insert the provided Spacer for Borderless Printing on the Roll Holder. (→P.140)
  If you do not attach the Spacer for Borderless Printing, the Platen may be soiled from borderless printing.
- Paper incompatible with the printer's auto cut function can be printed without borders on the left and right sides only.
- These features cannot be used in combination with borderless printing: special page layouts, centering originals, and printing cut lines on rolls.
- You cannot have pages rotated 90 degrees to conserve paper if you have set up borderless printing at actual size or in combination with resizing originals to match the paper size.
- When borderless printing is used, the edge of the paper is cut during printing. Thus, ink density may be uneven at the edges. If you require higher image quality, specify **No** in **Auto Cut** in the printer driver. In this case, the paper can be printed without borders on the left and right sides only. After ejecting and cutting the printed document, use scissors to cut away the top and bottom edges.
- By factory default, the ink drying time is disabled for all paper. When you are using paper that takes longer for ink to adhere for borderless printing and the Cutter Unit touches printing surfaces that are not dry yet, it may damage the paper or the edge of the document that is cut, depending on frequency of use. In this case, follow these steps to change the ink drying time.
  1. On the **Main** sheet of the printer driver, click **Settings** in **Media Type**.
  2. Select the ink drying time in the **Between Pages** list of **Drying Time**.

Borderless Printing Method

Choose the method of borderless printing that suits the original, as desired.

Print Image with Actual Size

Prints originals at actual size, without enlarging or reducing them. Originals must be prepared in a size that exceeds the dimensions of the paper by 3 mm (0.12 in) on each side.



Note

- Not all page sizes are available.
- Even if you prepare originals of the same size as the paper size, the originals are automatically enlarged when you print borderlessly in combination with resizing originals to match the paper size. This may affect image quality. When image quality is most important, make the original 3 mm longer on each side than the paper size so that the image can be printed at actual size in borderless printing.

For instructions on borderless printing of photos and images at actual size, refer to the following topics, as appropriate for your computer and operating system.

- Borderless Printing at Actual Size (Windows) (→P.261)
- Borderless Printing at Actual Size (Mac OS X) (→P.263)

Borderless Printing at Actual Size (Windows)

This topic describes how to print borderlessly at actual size based on the following example.
If you use an A1 or A2 roll for borderless printing, insert the provided Spacer for Borderless Printing on the Roll Holder. (→P.140)
If you do not attach the Spacer for Borderless Printing, the Platen may be soiled from borderless printing.

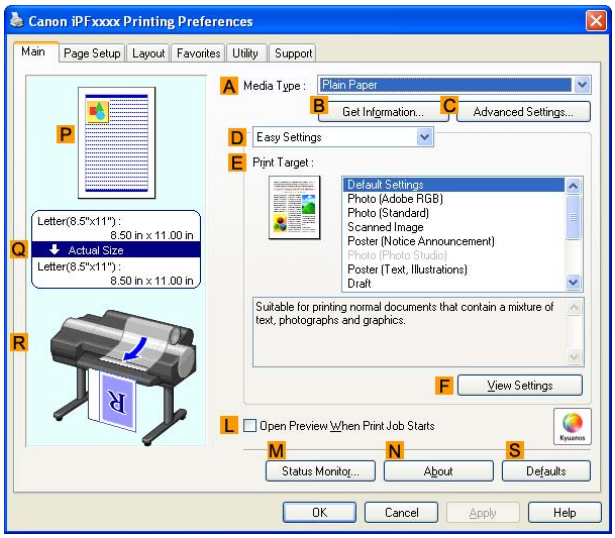
- Document: Any type
- Page size: 10×12 inches (254.0×304.8 mm)
- Paper: Roll
- Paper type: Heavyweight Coated Paper
- Roll paper width: 10 inches (254.0 mm)

1. Create the original in the source application 3 mm (0.12 in) larger on each side than 254.0×304.8 mm (10 × 12 in) -that is, 260.0×310.8 mm (10.2 × 12.2 in)

Note

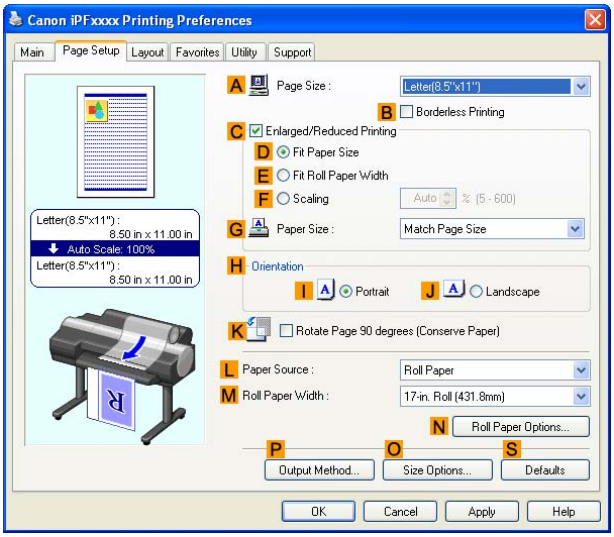
- If you can specify the margin, as in Microsoft Word, set the margin at 0 mm. For instructions on specifying the margin, refer to the software documentation.
- The extra 3 mm (0.12 in) on each side will not be printed. Create the original so that it fits inside the paper area to be printed on.

2. Choose **Print** in the application menu.
3. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
4. Make sure the **Main** sheet is displayed.

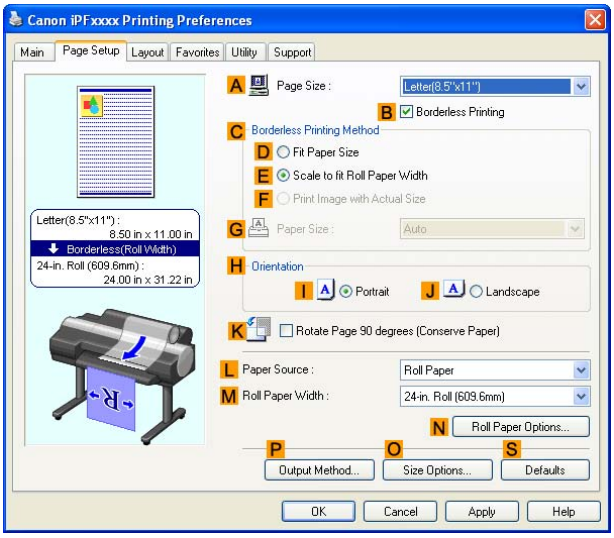


5. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Heavyweight Coated Paper.
6. Select the print target in the E **Print Target** list.

7. Click the **Page Setup** tab to display the **Page Setup** sheet.



8. In the A **Page Size** list, click the size of the original as specified in the source application. In this case, click **10"x12"**.
9. Click **Roll Paper** in the L **Paper Source** list.
10. Select the B **Borderless Printing** check box to display the **Information** dialog box.



11. Select the width of the loaded roll in the **Roll Paper Width** list-in this case, click **10-in. Roll (254.0mm)**.
12. Click **OK** to close the **Information** dialog box.
13. In C **Borderless Printing Method**, click F **Print Image with Actual Size**.
14. Confirm the print settings and print as desired.

Note

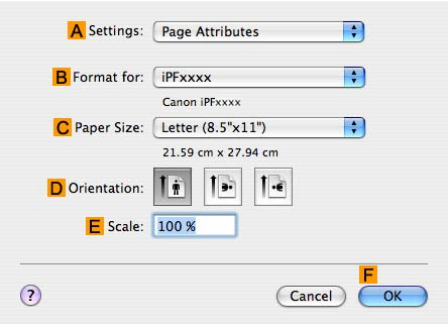
- For tips on confirming print settings, see “Confirming Print Settings (Windows)”. (→P.384)

Borderless Printing at Actual Size (Mac OS X)

This topic describes how to print borderlessly at actual size based on the following example.
If you use an A1 or A2 roll for borderless printing, insert the provided Spacer for Borderless Printing on the Roll Holder. (→P.140)
The platen may be soiled from borderless printing if you do not attach it.

- Document: Any type
- Page size: 10 × 12 inches (254.0×304.8 mm)-Borderless
- Paper: Roll
- Paper type: Heavyweight Coated Paper
- Roll paper width: 10 inches (254.0 mm)

1. Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.

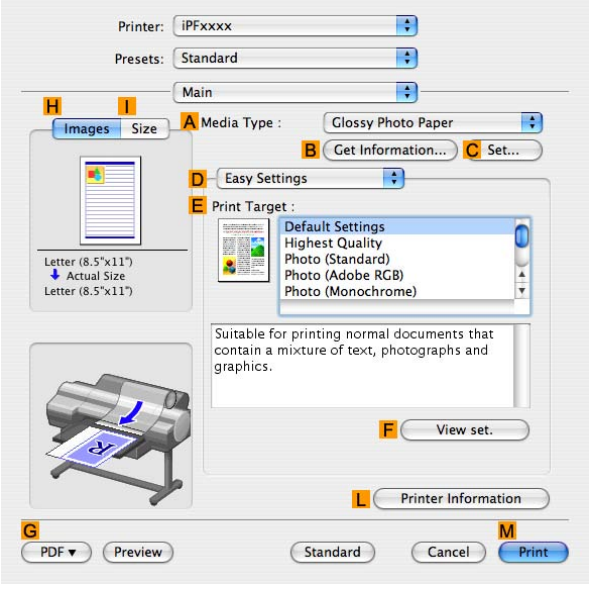


2. Select the printer in the B **Format for** list.
3. In the C **Paper Size** list, choose a paper size supported for borderless printing. Here, click **10"x12" - Borderless**.

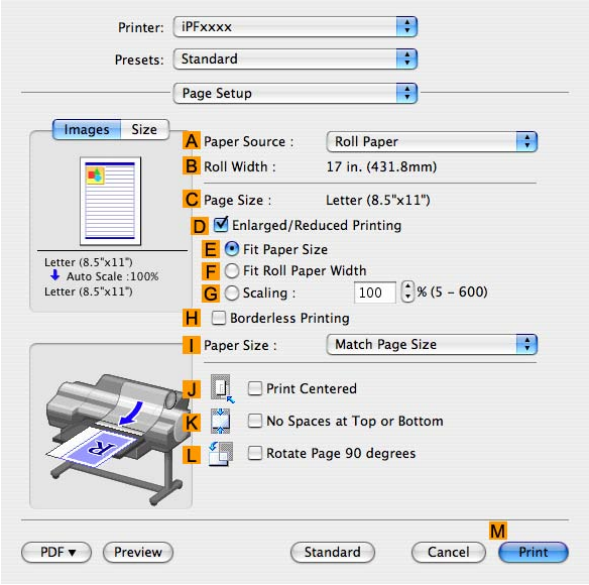
Note

- Paper sizes supported for borderless printing are indicated by “-Borderless.”

4. Click F **OK** to close the dialog box.
5. In the application, create an original that takes up the entire space of the paper size.
6. Choose **Print** in the application menu.
7. Access the **Main** pane.



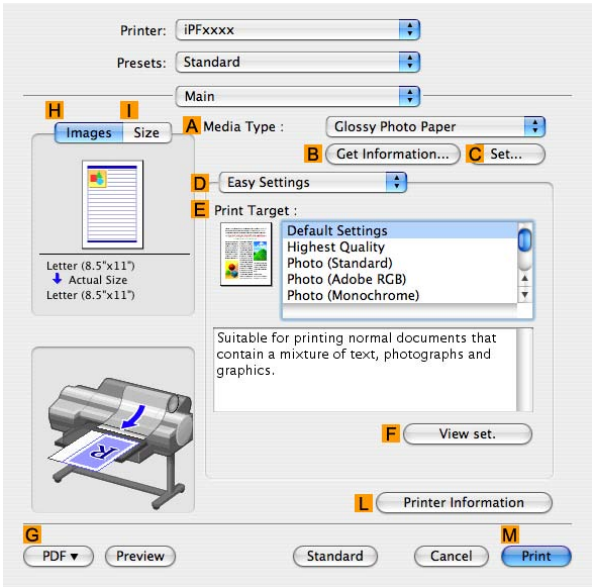
8. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Heavyweight Coated Paper.
9. Select the print target in the E **Print Target** list.
10. Access the **Page Setup** pane.



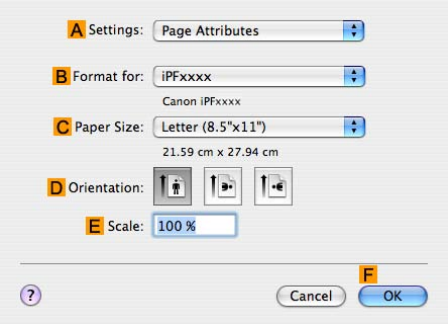
11. Click **Roll Paper** in the A **Paper Source** list.
12. Confirm that the roll paper width matches the paper size.
    Make sure the width of the loaded roll is displayed in the B **Roll Paper Width** list-in this case, **10 in. (254.0mm)**.

Note

- If the width of the loaded roll is not displayed in B **Roll Paper Width**, click L **Printer Information** on the **Main** pane and update the printer information.



13. Make sure the C **Page Size** setting matches the original size as selected in C **Paper Size** in the **Page Attributes** dialog box-in this case, **10"x12" - Borderless**.



14. Confirm the print settings, and then click M **Print** to start printing.

Note

- For tips on confirming print settings, see “Confirming Print Settings (Mac OS X)”. (→P.436)

Borderless Printing

Borderless Printing on Paper of Equivalent Size

Take advantage of borderless printing to print documents such as posters (made up mainly of photos or images) without a surrounding margin, or border.

Borderless Printing

In regular printing, a margin required by the printer is added around the original. With borderless printing, you can print documents without the margin, so that the printed image covers the entire surface of the paper.

Important

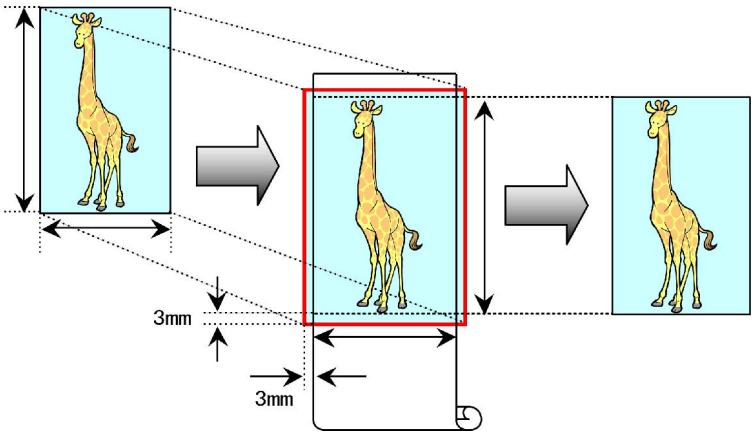
- Borderless printing is only available with rolls.
- Paper you can use for borderless printing is restricted to particular types of paper and rolls of particular widths. For information on types of paper compatible with borderless printing, refer to the Paper Reference Guide. (→P.104)
- If you use an A1 or A2 roll for borderless printing, insert the provided Spacer for Borderless Printing on the Roll Holder. (→P.140)
  If you do not attach the Spacer for Borderless Printing, the Platen may be soiled from borderless printing.
- Paper incompatible with the printer's auto cut function can be printed without borders on the left and right sides only.
- These features cannot be used in combination with borderless printing: special page layouts, centering originals, and printing cut lines on rolls.
- You cannot have pages rotated 90 degrees to conserve paper if you have set up borderless printing at actual size or in combination with resizing originals to match the paper size.
- When borderless printing is used, the edge of the paper is cut during printing. Thus, ink density may be uneven at the edges. If you require higher image quality, specify **No** in **Auto Cut** in the printer driver. In this case, the paper can be printed without borders on the left and right sides only. After ejecting and cutting the printed document, use scissors to cut away the top and bottom edges.
- By factory default, the ink drying time is disabled for all paper. When you are using paper that takes longer for ink to adhere for borderless printing and the Cutter Unit touches printing surfaces that are not dry yet, it may damage the paper or the edge of the document that is cut, depending on frequency of use. In this case, follow these steps to change the ink drying time.
  1. On the **Main** sheet of the printer driver, click **Settings** in **Media Type**.
  2. Select the ink drying time in the **Between Pages** list of **Drying Time**.

Borderless Printing Method

Choose the method of borderless printing that suits the original, as desired.

Fit Paper Size

Enlarge or reduce the original to match the size of the paper you are using.



Note

- The printer driver automatically enlarges originals 3 mm (0.12 in) past the dimensions of the paper on each side. The 3 mm portion beyond the edge on each side is not printed.

For instructions on borderless printing of photos, images, and other documents to match the paper size, refer to the following topics, as appropriate for your computer and operating system.

- Borderless Printing by Resizing Originals to Match the Paper Size (Windows) (→P.268)
- Borderless Printing by Resizing Originals to Match the Paper Size (Mac OS X) (→P.270)

Borderless Printing by Resizing Originals to Match the Paper Size (Windows)

This topic describes how to enlarge originals before borderless printing to match the paper size, based on the following example.
If you use an A1 or A2 roll for borderless printing, insert the provided Spacer for Borderless Printing on the Roll Holder. (→P.140)
If you do not attach the Spacer for Borderless Printing, the Platen may be soiled from borderless printing.

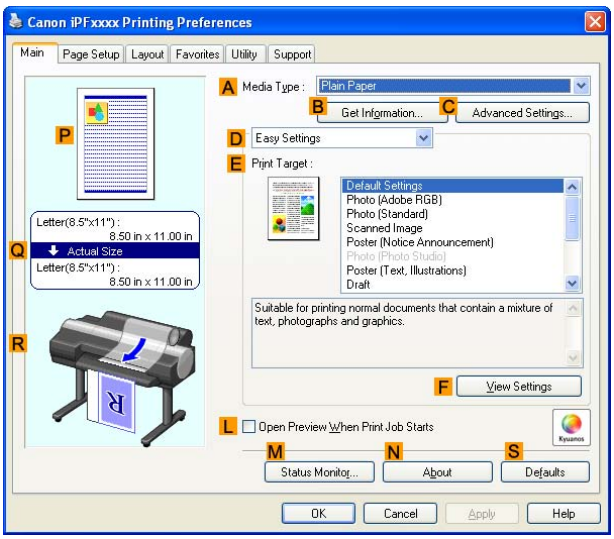
- Document: Any type
- Page size: 10×12 inches (254.0×304.8 mm)
- Paper: Roll
- Paper type: Heavyweight Coated Paper
- Roll paper width: 10 inches (254.0 mm)

1. In the application, create an original that takes up the entire space of the paper size.

Note

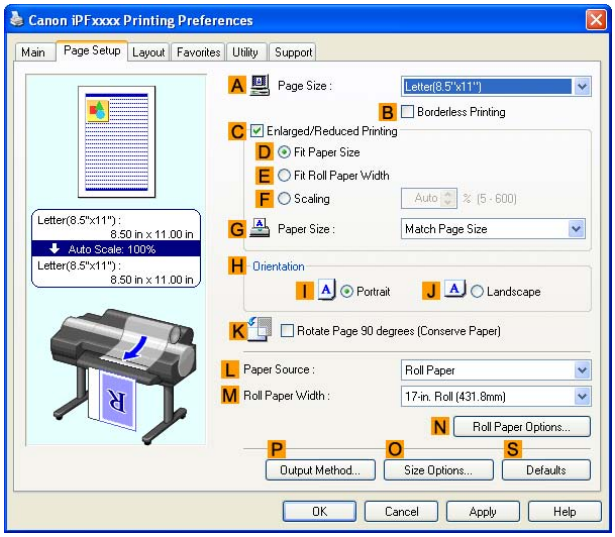
- If you can specify the margin, as in Microsoft Word, set the margin at 0 mm. For instructions on specifying the margin, refer to the software documentation.

2. Choose **Print** in the application menu.
3. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
4. Make sure the **Main** sheet is displayed.

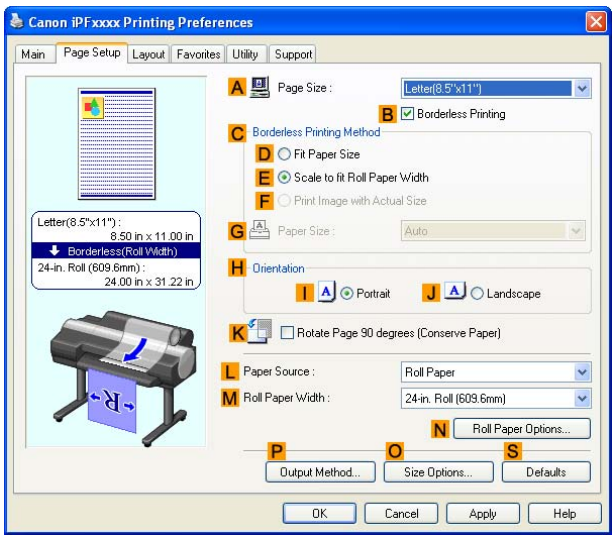


5. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Heavyweight Coated Paper.
6. Select the print target in the E **Print Target** list.

7. Click the **Page Setup** tab to display the **Page Setup** sheet.



8. In the A **Page Size** list, click the size of the original as specified in the application. In this case, click **10"x12"**.
9. Click **Roll Paper** in the L **Paper Source** list.
10. Select the B **Borderless Printing** check box to display the **Information** dialog box.



11. Select the width of the loaded roll in the **Roll Paper Width** list-in this case, click **10-in. Roll (254.0mm)**.
12. Click **OK** to close the **Information** dialog box.
13. In C **Borderless Printing Method**, click D **Fit Paper Size**.
14. Click **Match Page Size** in the G **Paper Size** list.
15. Confirm the print settings and print as desired.

Note

- For tips on confirming print settings, see “Confirming Print Settings (Windows)”. (→P.384)

Borderless Printing by Resizing Originals to Match the Paper Size (Mac OS X)

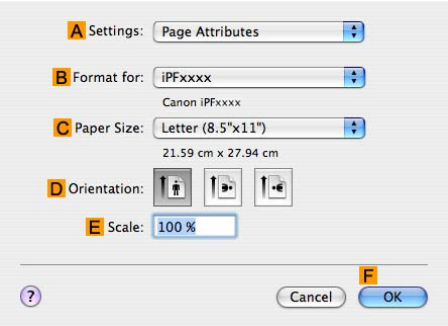
This topic describes how to enlarge originals before borderless printing to match the paper size, based on the following example.

If you use an A1 or A2 roll for borderless printing, insert the provided Spacer for Borderless Printing on the Roll Holder. (→P.140)

If you do not attach the Spacer for Borderless Printing, the Platen may be soiled from borderless printing.

- Document: Any type
- Page size: 10×12 inches (254.0×304.8 mm)
- Paper: Roll
- Paper type: Heavyweight Coated Paper
- Roll paper width: 10 inches (254.0 mm)

1. Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.



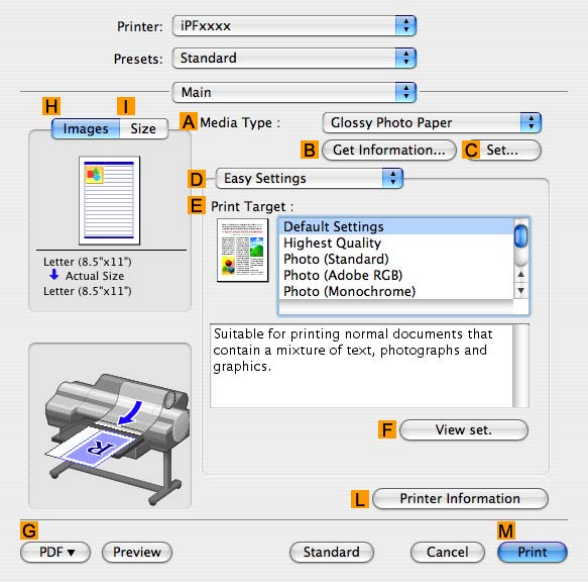
2. Select the printer in the B **Format for** list.
3. In the C **Paper Size** list, click the size of the original. In this case, click **10"x12"**.

Note

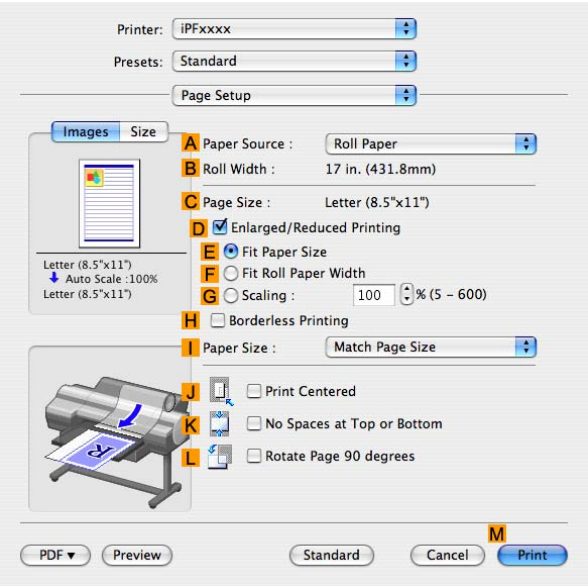
- All sizes are available in borderless printing if you resize originals to match the paper size.

4. Click F **OK** to close the dialog box.
5. In the application, create an original that takes up the entire space of the paper size.
6. Choose **Print** in the application menu.

7. Access the **Main** pane.



8. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Heavyweight Coated Paper.
9. Select the print target in the E **Print Target** list.
10. Access the **Page Setup** pane.

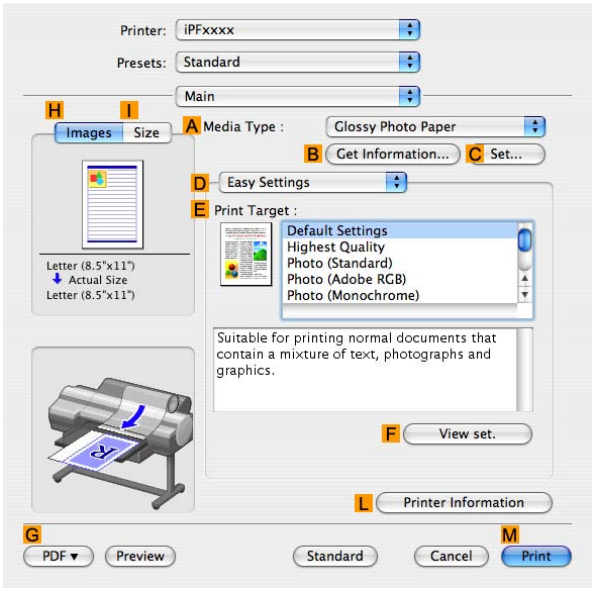


11. Click **Roll Paper** in the A **Paper Source** list.

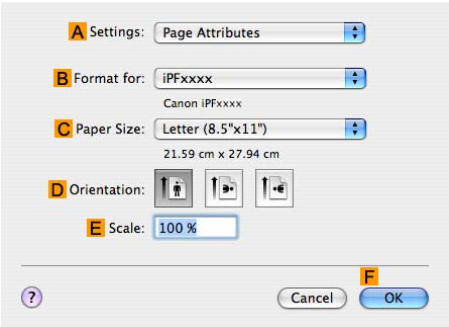
12. Make sure the width of the loaded roll is displayed in the **B** **Roll Paper Width** list-in this case, **10 in. (254.0mm)**.

Note

- If the width of the loaded roll is not displayed in **B** **Roll Paper Width**, click **L** **Printer Information** on the **Main** pane and update the printer information.



13. Make sure the **C** **Page Size** setting matches the original size as selected in **C** **Paper Size** in the **Page Attributes** dialog box-in this case, **10"x12"**.



14. Select the **D** **Enlarged/Reduced Printing** check box.

15. Select the **H** **Borderless Printing** check box.

16. Click **E** **Fit Paper Size** under **D** **Enlarged/Reduced Printing**.

17. In **I** **Paper Size**, click the paper size. In this case, click **10"x12" - Borderless**.

18. Confirm the print settings, and then click **M** **Print** to start printing.

Note

- For tips on confirming print settings, see “Confirming Print Settings (Mac OS X)”. (→P.436)

Borderless Printing by Resizing Originals to Fit the Roll Width

Take advantage of borderless printing to print documents such as posters (made up mainly of photos or images) without a surrounding margin, or border.

Borderless Printing

In regular printing, a margin required by the printer is added around the original. With borderless printing, you can print documents without the margin, so that the printed image covers the entire surface of the paper.

Important

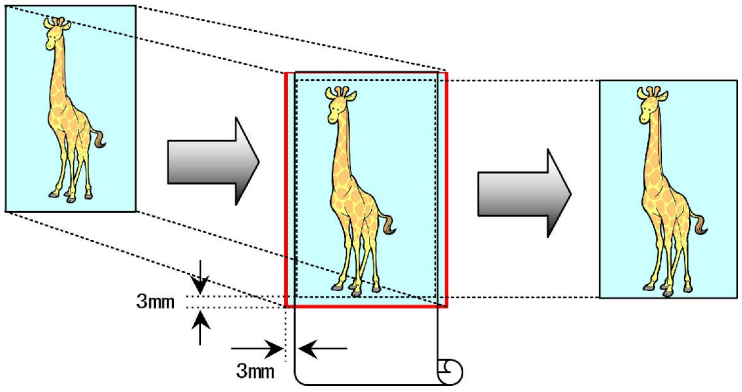
- Borderless printing is only available with rolls.
- Paper you can use for borderless printing is restricted to particular types of paper and rolls of particular widths. For information on types of paper compatible with borderless printing, refer to the Paper Reference Guide. (→P.104)
- If you use an A1 or A2 roll for borderless printing, insert the provided Spacer for Borderless Printing on the Roll Holder. (→P.140)
  If you do not attach the Spacer for Borderless Printing, the Platen may be soiled from borderless printing.
- Paper incompatible with the printer's auto cut function can be printed without borders on the left and right sides only.
- These features cannot be used in combination with borderless printing: special page layouts, centering originals, and printing cut lines on rolls.
- You cannot have pages rotated 90 degrees to conserve paper if you have set up borderless printing at actual size or in combination with resizing originals to match the paper size.
- When borderless printing is used, the edge of the paper is cut during printing. Thus, ink density may be uneven at the edges. If you require higher image quality, specify **No** in **Auto Cut** in the printer driver. In this case, the paper can be printed without borders on the left and right sides only. After ejecting and cutting the printed document, use scissors to cut away the top and bottom edges.
- By factory default, the ink drying time is disabled for all paper. When you are using paper that takes longer for ink to adhere for borderless printing and the Cutter Unit touches printing surfaces that are not dry yet, it may damage the paper or the edge of the document that is cut, depending on frequency of use. In this case, follow these steps to change the ink drying time.
  1. On the **Main** sheet of the printer driver, click **Settings** in **Media Type**.
  2. Select the ink drying time in the **Between Pages** list of **Drying Time**.

Borderless Printing Method

Choose the method of borderless printing that suits the original, as desired.

Scale to fit Roll Paper Width

Enlarge or reduce the original as a whole to match the roll paper width.



Note

- You can combine this function with rotating pages 90 degrees before printing so that the original width (relative to portrait orientation) matches the roll paper width in borderless printing.

For instructions on borderless printing of photos, images, and other documents to match the roll paper width, refer to the following topics, as appropriate for your computer and operating system.

- Borderless Printing by Resizing Originals to Fit the Roll Width (Windows) (→P.275)
- Borderless Printing by Resizing Originals to Fit the Roll Width (Mac OS X) (→P.277)

Borderless Printing by Resizing Originals to Fit the Roll Width (Windows)

This topic describes how to enlarge originals before borderless printing to match the roll width, based on the following example.

If you use n A1 or A2 roll for borderless printing, insert the provided Spacer for Borderless Printing on the Roll Holder. (→P.140)

If you do not attach the Spacer for Borderless Printing, the Platen may be soiled from borderless printing.

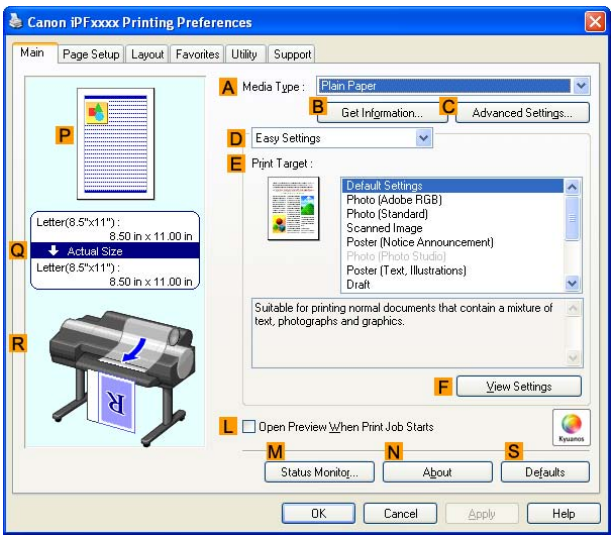
- Document: Any type
- Page size: A4 (210.0×297.0 mm)/Letter (8.3 × 11.7 in)
- Paper: Roll
- Paper type: Heavyweight Coated Paper
- Roll paper width: 10 inches (254.0 mm)

1. In the application, create an original that takes up the entire space of the paper size.

Note

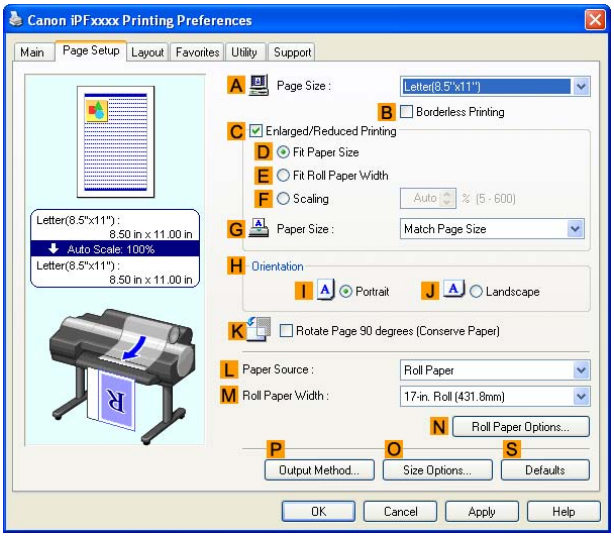
- If you can specify the margin, as in Microsoft Word, set the margin at 0 mm. For instructions on specifying the margin, refer to the software documentation.

2. Choose **Print** in the application menu.
3. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
4. Make sure the **Main** sheet is displayed.

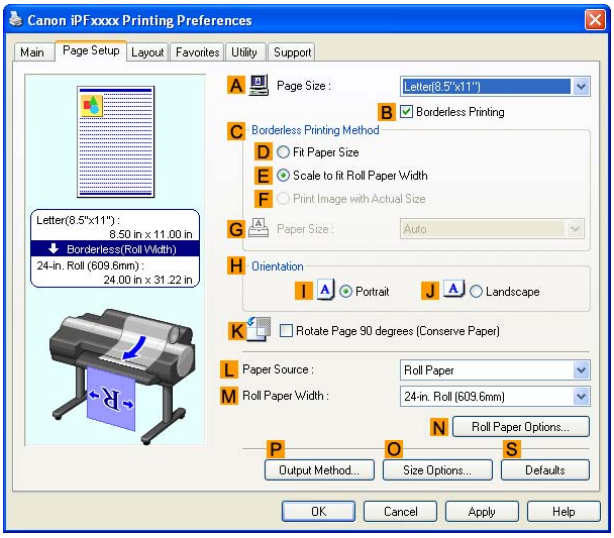


5. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Heavyweight Coated Paper.
6. Select the print target in the E **Print Target** list.

7. Click the **Page Setup** tab to display the **Page Setup** sheet.



8. In the A **Page Size** list, click the size of the original as specified in the application. In this case, click **ISO A4** or **Letter (8.5"x11")**.
9. Click **Roll Paper** in the L **Paper Source** list.
10. Select the B **Borderless Printing** check box to display the **Information** dialog box.



11. Select the width of the loaded roll in the **Roll Paper Width** list-in this case, click **10-in. Roll (254.0mm)**.
12. Click **OK** to close the **Information** dialog box.
13. In C **Borderless Printing Method**, make sure E **Scale to fit Roll Paper Width** is selected.
14. Confirm the print settings and print as desired.

Note

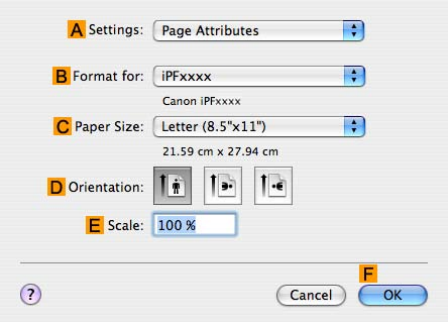
- For tips on confirming print settings, see “Confirming Print Settings (Windows)”. (→P.384)

Borderless Printing by Resizing Originals to Fit the Roll Width (Mac OS X)

This topic describes how to enlarge originals before printing to match the roll width, based on the following example.
If you use an A1 or A2 roll for borderless printing, insert the provided Spacer for Borderless Printing on the Roll Holder. (→P.140)
If you do not attach the Spacer for Borderless Printing, the Platen may be soiled from borderless printing.

- Document: Any type
- Page size: A4 (210.0×297.0 mm)/Letter (8.3 × 11.7 in)
- Paper: Roll
- Paper type: Heavyweight Coated Paper
- Roll paper width: 10 inches (254.0 mm)

1. Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.

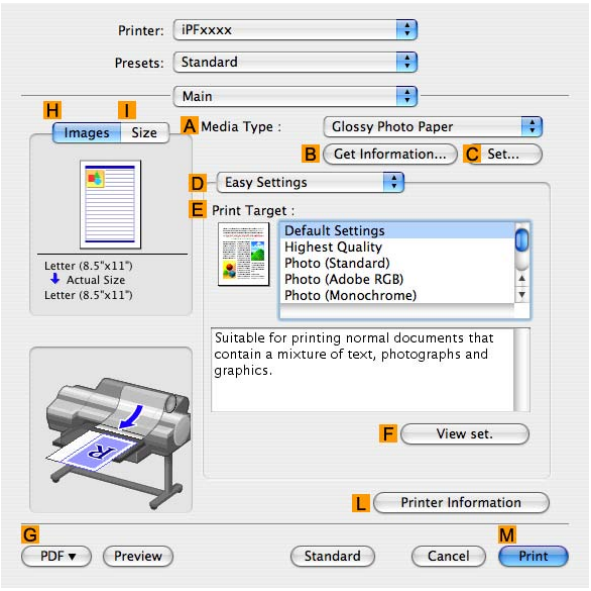


2. Select the printer in the B **Format for** list.
3. In C **Paper Size**, click the size of the original. In this case, click **ISO A4**.

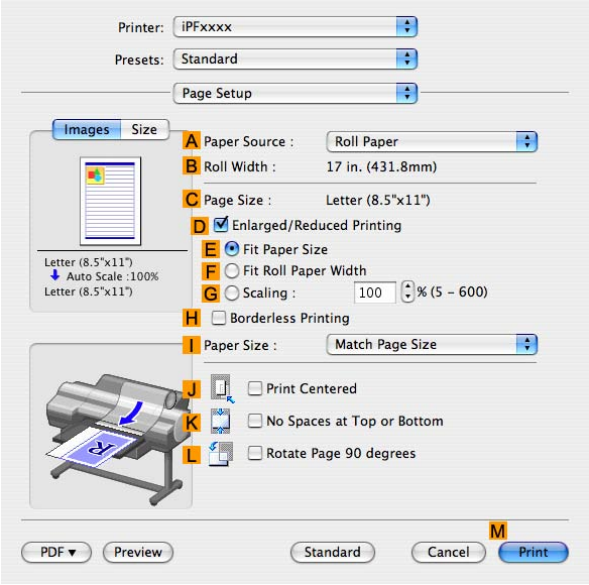
Note

- All sizes are available in borderless printing if you resize originals to fit the roll width.

4. Click F **OK** to close the dialog box.
5. In the application, create an original that takes up the entire space of the paper size.
6. Choose **Print** in the application menu.
7. Access the **Main** pane.



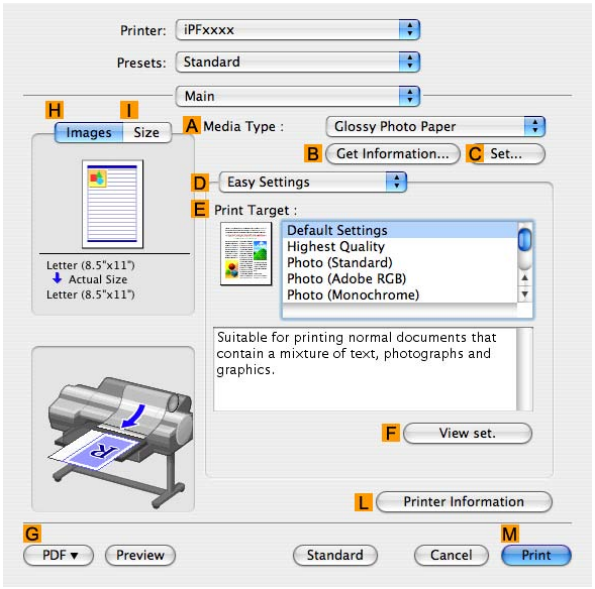
8. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Heavyweight Coated Paper.
9. Select the print target in the E **Print Target** list.
10. Access the **Page Setup** pane.



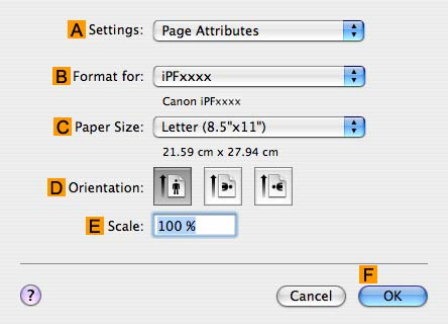
11. Click **Roll Paper** in the A **Paper Source** list.
12. Make sure the width of the loaded roll is displayed in the B **Roll Paper Width** list-here, **10 in. (254.0mm)**.

Note

- If the width of the loaded roll is not displayed in B **Roll Paper Width**, click L **Printer Information** on the **Main** pane and update the printer information.



13. Make sure the C **Page Size** setting matches the original size as selected in C **Paper Size** in the **Page Attributes** dialog box-in this case, **ISO A4**.



14. Select the D **Enlarged/Reduced Printing** check box.
15. Select the H **Borderless Printing** check box.
    This ensures that F **Fit Roll Paper Width** is automatically selected in D **Enlarged/Reduced Printing**.
16. Confirm the print settings, and then click M **Print** to start printing.

Note

- For tips on confirming print settings, see “Confirming Print Settings (Mac OS X)”. (→P.436)

Borderless Printing at Actual Size

Take advantage of borderless printing to print documents such as posters (made up mainly of photos or images) without a surrounding margin, or border.

Borderless Printing

In regular printing, a margin required by the printer is added around the original. With borderless printing, you can print documents without the margin, so that the printed image covers the entire surface of the paper.

Important

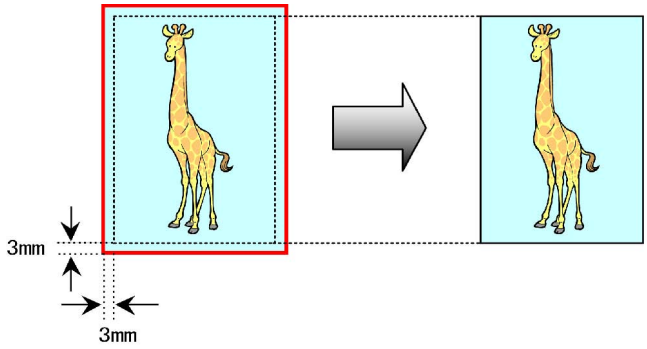
- Borderless printing is only available with rolls.
- Paper you can use for borderless printing is restricted to particular types of paper and rolls of particular widths. For information on types of paper compatible with borderless printing, refer to the Paper Reference Guide. (→P.104)
- If you use an A1 or A2 roll for borderless printing, insert the provided Spacer for Borderless Printing on the Roll Holder. (→P.140)
  If you do not attach the Spacer for Borderless Printing, the Platen may be soiled from borderless printing.
- Paper incompatible with the printer's auto cut function can be printed without borders on the left and right sides only.
- These features cannot be used in combination with borderless printing: special page layouts, centering originals, and printing cut lines on rolls.
- You cannot have pages rotated 90 degrees to conserve paper if you have set up borderless printing at actual size or in combination with resizing originals to match the paper size.
- When borderless printing is used, the edge of the paper is cut during printing. Thus, ink density may be uneven at the edges. If you require higher image quality, specify **No** in **Auto Cut** in the printer driver. In this case, the paper can be printed without borders on the left and right sides only. After ejecting and cutting the printed document, use scissors to cut away the top and bottom edges.
- By factory default, the ink drying time is disabled for all paper. When you are using paper that takes longer for ink to adhere for borderless printing and the Cutter Unit touches printing surfaces that are not dry yet, it may damage the paper or the edge of the document that is cut, depending on frequency of use. In this case, follow these steps to change the ink drying time.
  1. On the **Main** sheet of the printer driver, click **Settings** in **Media Type**.
  2. Select the ink drying time in the **Between Pages** list of **Drying Time**.

Borderless Printing Method

Choose the method of borderless printing that suits the original, as desired.

Print Image with Actual Size

Prints originals at actual size, without enlarging or reducing them. Originals must be prepared in a size that exceeds the dimensions of the paper by 3 mm (0.12 in) on each side.



Note

- Not all page sizes are available.
- Even if you prepare originals of the same size as the paper size, the originals are automatically enlarged when you print borderlessly in combination with resizing originals to match the paper size. This may affect image quality. When image quality is most important, make the original 3 mm longer on each side than the paper size so that the image can be printed at actual size in borderless printing.

For instructions on borderless printing of photos and images at actual size, refer to the following topics, as appropriate for your computer and operating system.

- Borderless Printing at Actual Size (Windows) (→P.282)
- Borderless Printing at Actual Size (Mac OS X) (→P.284)

Borderless Printing at Actual Size (Windows)

This topic describes how to print borderlessly at actual size based on the following example.
If you use an A1 or A2 roll for borderless printing, insert the provided Spacer for Borderless Printing on the Roll Holder. (→P.140)
If you do not attach the Spacer for Borderless Printing, the Platen may be soiled from borderless printing.

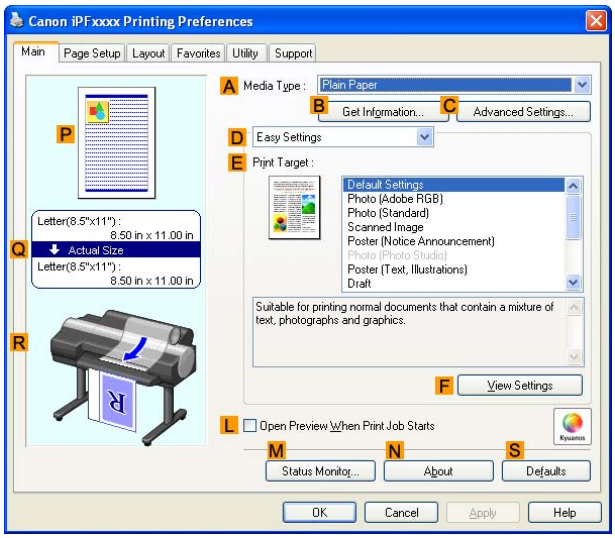
- Document: Any type
- Page size: 10×12 inches (254.0×304.8 mm)
- Paper: Roll
- Paper type: Heavyweight Coated Paper
- Roll paper width: 10 inches (254.0 mm)

1. Create the original in the source application 3 mm (0.12 in) larger on each side than 254.0×304.8 mm (10 × 12 in) -that is, 260.0×310.8 mm (10.2 × 12.2 in)

Note

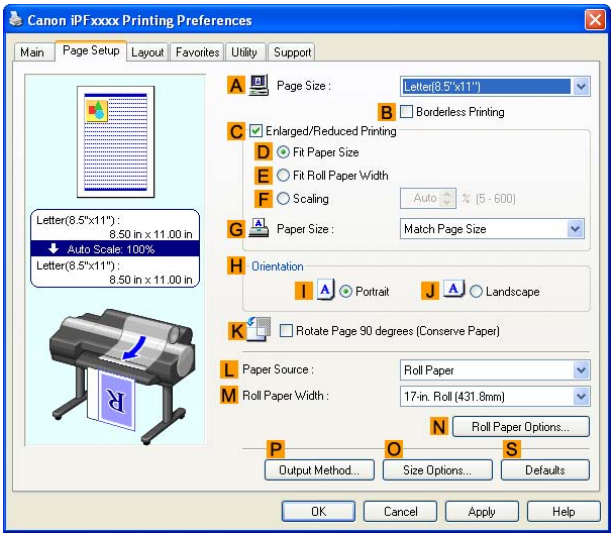
- If you can specify the margin, as in Microsoft Word, set the margin at 0 mm. For instructions on specifying the margin, refer to the software documentation.
- The extra 3 mm (0.12 in) on each side will not be printed. Create the original so that it fits inside the paper area to be printed on.

2. Choose **Print** in the application menu.
3. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
4. Make sure the **Main** sheet is displayed.

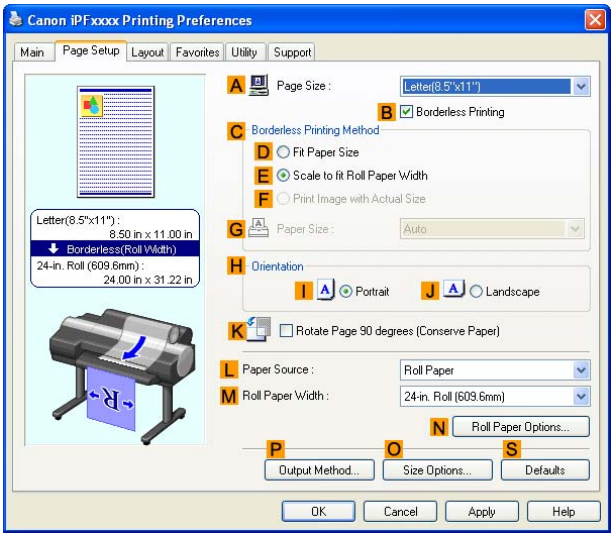


5. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Heavyweight Coated Paper.
6. Select the print target in the E **Print Target** list.

7. Click the **Page Setup** tab to display the **Page Setup** sheet.



8. In the A **Page Size** list, click the size of the original as specified in the source application. In this case, click **10"x12"**.
9. Click **Roll Paper** in the L **Paper Source** list.
10. Select the B **Borderless Printing** check box to display the **Information** dialog box.



11. Select the width of the loaded roll in the **Roll Paper Width** list-in this case, click **10-in. Roll (254.0mm)**.
12. Click **OK** to close the **Information** dialog box.
13. In C **Borderless Printing Method**, click F **Print Image with Actual Size**.
14. Confirm the print settings and print as desired.

Note

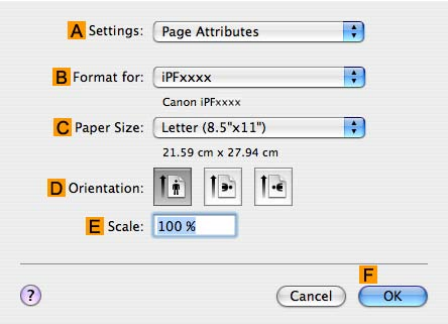
- For tips on confirming print settings, see “Confirming Print Settings (Windows)”. (→P.384)

Borderless Printing at Actual Size (Mac OS X)

This topic describes how to print borderlessly at actual size based on the following example.
If you use an A1 or A2 roll for borderless printing, insert the provided Spacer for Borderless Printing on the Roll Holder. (→P.140)
The platen may be soiled from borderless printing if you do not attach it.

- Document: Any type
- Page size: 10 × 12 inches (254.0×304.8 mm)-Borderless
- Paper: Roll
- Paper type: Heavyweight Coated Paper
- Roll paper width: 10 inches (254.0 mm)

1. Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.

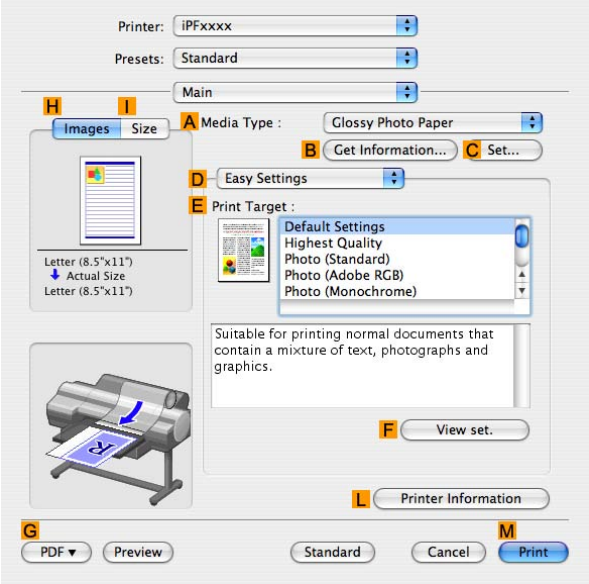


2. Select the printer in the B **Format for** list.
3. In the C **Paper Size** list, choose a paper size supported for borderless printing. Here, click **10"x12" - Borderless**.

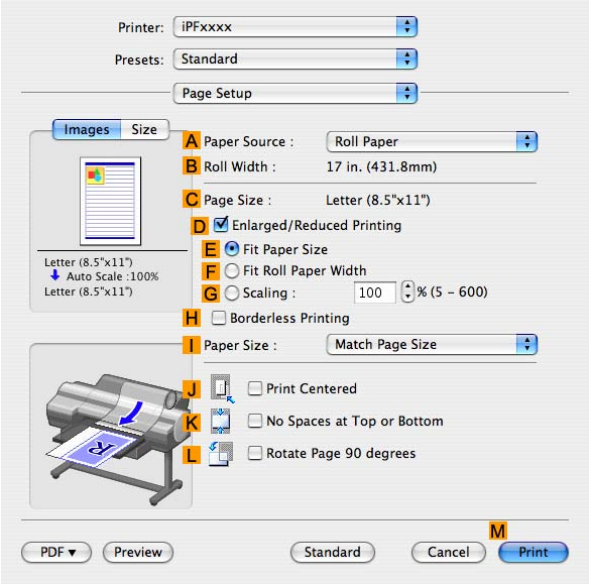
Note

- Paper sizes supported for borderless printing are indicated by “-Borderless.”

4. Click F **OK** to close the dialog box.
5. In the application, create an original that takes up the entire space of the paper size.
6. Choose **Print** in the application menu.
7. Access the **Main** pane.



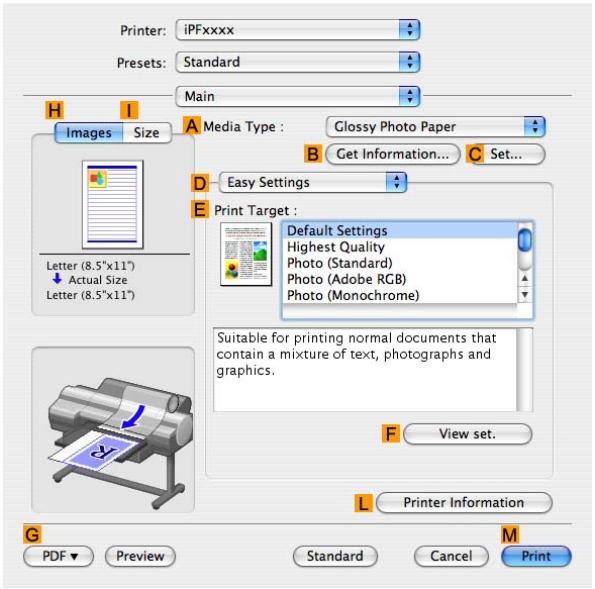
8. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Heavyweight Coated Paper.
9. Select the print target in the E **Print Target** list.
10. Access the **Page Setup** pane.



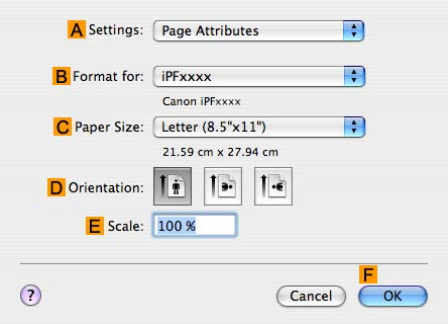
11. Click **Roll Paper** in the A **Paper Source** list.
12. Confirm that the roll paper width matches the paper size.
    Make sure the width of the loaded roll is displayed in the B **Roll Paper Width** list-in this case, **10 in. (254.0mm)**.

Note

- If the width of the loaded roll is not displayed in B **Roll Paper Width**, click L **Printer Information** on the **Main** pane and update the printer information.



13. Make sure the C **Page Size** setting matches the original size as selected in C **Paper Size** in the **Page Attributes** dialog box-in this case, **10"x12" - Borderless**.



14. Confirm the print settings, and then click M **Print** to start printing.

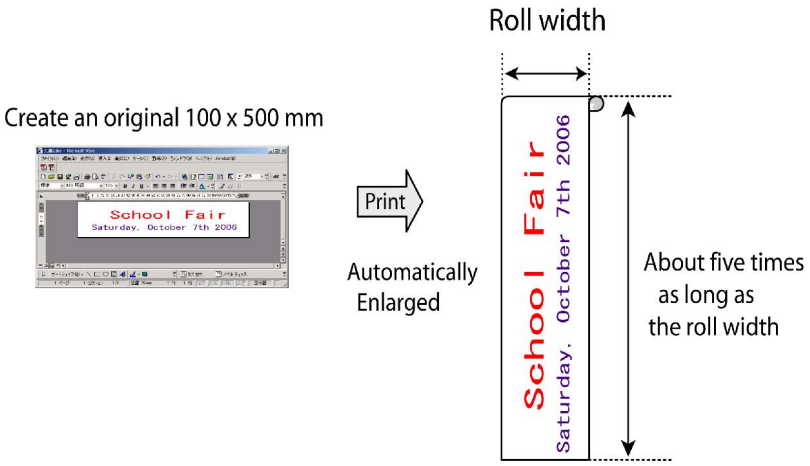
Note

- For tips on confirming print settings, see “Confirming Print Settings (Mac OS X)”. (→P.436)

Printing banners or at other non-standard sizes

Printing Vertical or Horizontal Banners (Large-Format Printing)

You can create vertical or horizontal banners by printing originals that are in banner format on rolls. Originals created in Microsoft Word or other applications in your preferred size can be enlarged to fill the width of roll paper by completing simple printer driver settings.



Fit Roll Paper Width

You can easily create vertical or horizontal banners by automatically enlarging or reducing originals to fit the full width of rolls.

Note

- The printer supports roll printing up to a maximum length of 18.0 m (19.7 yd).

For instructions on printing vertical or horizontal banners, refer to the following topics, as appropriate for your computer and operating system.

- Printing Vertical or Horizontal Banners (Large-Format Printing; Windows) (→P.288)
- Printing Vertical or Horizontal Banners (Large-Format Printing; Mac OS X) (→P.292)

Important

- Before printing, check how much of the roll paper is left. If you have activated automatic detection of the remaining roll paper, a warning message is displayed when there is not enough roll paper left.
- If not much ink is left, prepare replacement ink tanks.
- To print at a higher level of quality, in the printer driver, choose **High** or **Highest** in Print Quality, and choose **Unidirectional Printing** as the direction of printing.

Printing Vertical or Horizontal Banners (Large-Format Printing; Windows)

This topic describes how to print a banner about five times as long as the roll width based on the following example.

- Document: A horizontal banner created in Microsoft Word
- Page size: Non-standard (100×500 mm [3.9×19.7 in])
- Paper: Roll
- Paper type: Plain Paper
- Roll paper width: 16 in (406.4 mm)

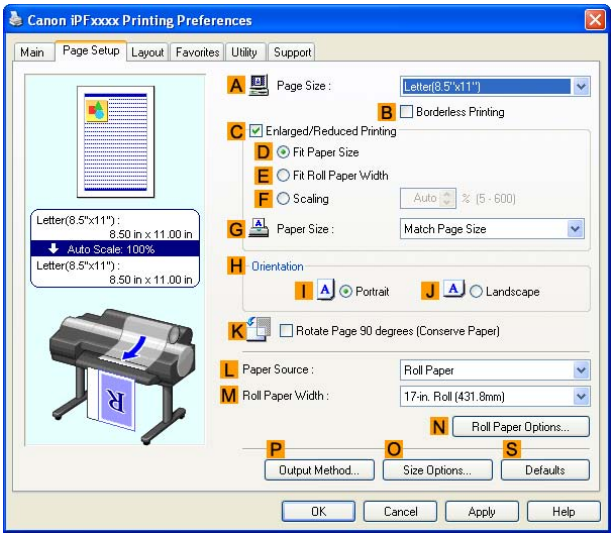
Follow the steps below to print a banner in either horizontal or vertical format.

1. Register a **Custom Paper Size**.
   Banners tend to be in non-standard sizes, so register a **Custom Paper Size**. In this example, 100×500 mm (3.9×19.7 in) is registered.
2. In the application, create an original in the size you registered.
3. Print the banner, using the settings that correspond to banners.

Registering a Custom Paper Size

This example describes how to register a paper size that is horizontally elongated and suitable for banners in either horizontal or vertical format.

1. Display the printer driver dialog box. (→P.392)
2. Click the **Page Setup** tab to display the **Page Setup** sheet.



3. Click **Roll Paper** in the L **Paper Source** list.
4. Click O **Size Options** to display the **Paper Size Options** dialog box.
5. Enter a desired paper name in **Custom Paper Size Name**. “My Horizontal Banner” is used in this example.
6. In **Units**, click **mm**.
7. Under **Paper Size**, enter “100” in **Width** and “500” in **Height**.
8. Click **Add** to add the paper size of “My Horizontal Banner.”
9. Click **OK** to close the **Paper Size Options** dialog box.

10. Close the printer driver dialog box.

Note

- You can also specify a **Custom Size** as the paper size. Note that **Custom Size** settings are not available after you exit the application.
  For more information, see “Printing on Non-Standard Paper Sizes (Windows)”. (→P.296)

Creating the banner in the application

Follow the steps below to create the banner in Microsoft Word using the **Custom Paper Size** you registered.

1. Start Microsoft Word.

2. Choose **Page Setup** from the **File** menu to display the **Page Setup** dialog box.

3. Under **Paper Size**, click the **Custom Paper Size** you registered-"My Horizontal Banner" in this example.

Important

- If "My Horizontal Banner" is not listed, make sure this printer is selected as the printer to use.
- In applications such as Microsoft PowerPoint that do not enable you to choose registered paper sizes, use the custom paper size setting in “Custom” and specify 100×500 mm (3.9×19.7 in)

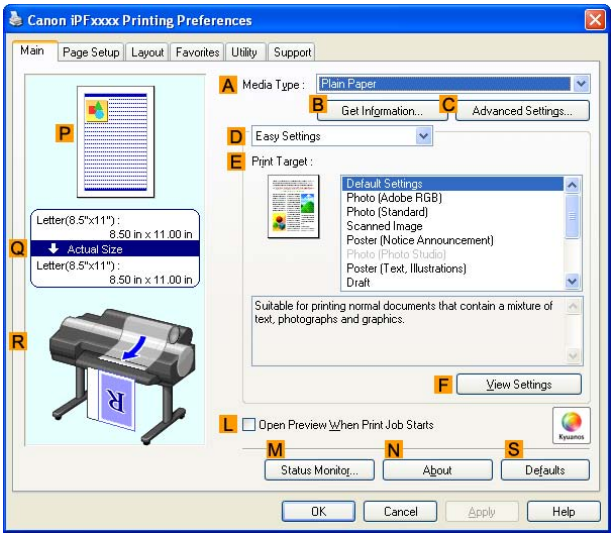
4. Set the printing orientation to horizontal.

5. Create the banner.

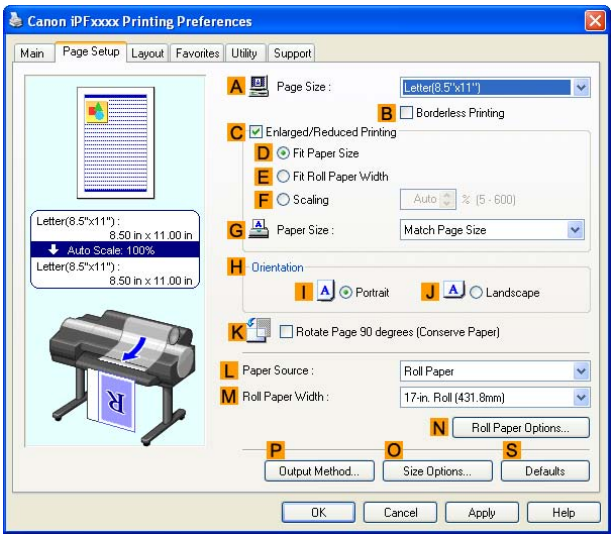
Printing the banner

Follow the steps below to print the banner using the corresponding banner settings.

1. Choose **Print** in the Microsoft Word menu.
2. Select the printer in the dialog box, and then open the printer driver dialog box. (→P.390)
3. Make sure the **Main** sheet is displayed.



4. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
5. After confirming that D **Easy Settings** is selected, click **Poster (Text, Illustrations)** in the E **Print Target** list.
6. Click the **Page Setup** tab to display the **Page Setup** sheet.

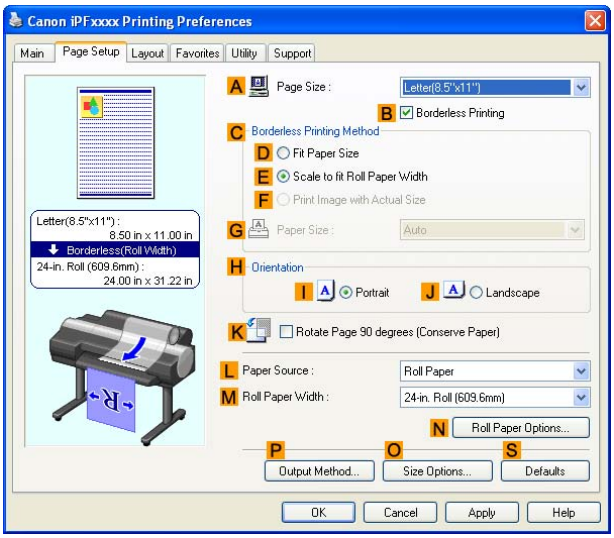


7. In the A **Page Size** list, click the size you registered, "My Horizontal Banner."

8. Select the C **Enlarged/Reduced Printing** check box.

Note

- If the **Enlarged/Reduced Printing** check box is not displayed on the **Page Setup** sheet, clear the B **Borderless Printing** check box.



9. Click **Roll Paper** in the L **Paper Source** list.
10. After you click E **Fit Roll Paper Width**, the **Information** dialog box is displayed.
11. Select the width of the loaded roll in the **Roll Paper Width** list. In this case, click **16-in. Roll (406.4mm)**, and then click **OK**.
12. Confirm the print settings and print as desired.

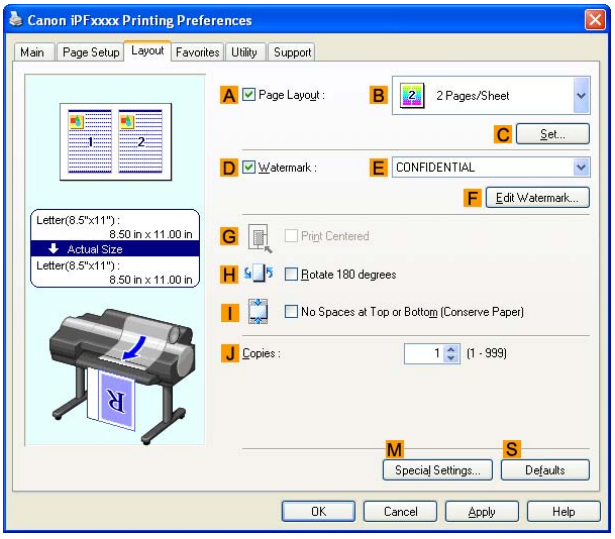
Note

- For instructions on confirming print settings, see “Confirming Print Settings (Windows)”. (→P.384)

Note

- If printing is unsuccessful, you may be able to print after completing the following setting.

1. On the **Layout** sheet, click M **Special Settings** to display the **Special Settings** dialog box.



2. In the **FineZoom Settings** list, click **Yes**.

Printing Vertical or Horizontal Banners (Large-Format Printing; Mac OS X)

This topic describes how to print a banner about five times as long as the roll width based on the following example.

- Document: An original designed for a horizontal banner
- Page Size: Non-standard (100×500 mm [3.9×19.7 in])
- Paper: Roll
- Paper type: Plain Paper
- Roll paper width: 16 inches (406.4 mm)

Follow the steps below to print a banner in either horizontal or vertical format.

1. In the application, create an original in the format of a horizontal or vertical banner.
2. Register a “Custom Page Size.”
   Banners tend to be in non-standard sizes, so register a “Custom Page Size” in **Page Setup**. In this example, 100×500 mm (3.9×19.7 in) is registered.
3. Print the banner, using the settings that correspond to banners.

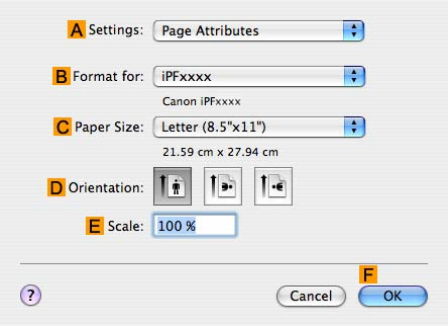
Note

- The following procedures are based on Mac OS X 10.4. The method of setting up non-standard paper sizes varies depending on the version of Mac OS X.

Register a Custom Page Size

This example describes how to register and print using a page size that is horizontally elongated and suitable for banners in either horizontal or vertical format.

1. Create the document in the application.
2. Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.



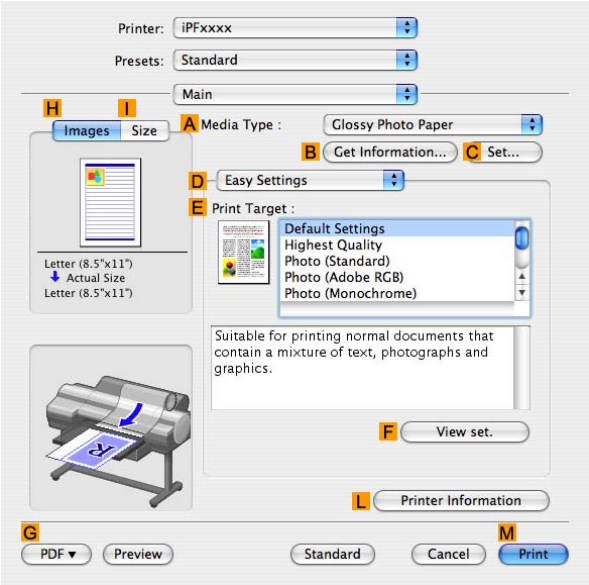
3. Select the printer in the B **Format for** list.
4. Click **Manage Custom Sizes** in the C **Paper Size** list to display the **Custom Page Sizes** dialog box.
5. Double-click **Untitled** in the list at left, and then enter a name for the page size you want to register. Here, enter “100*500.”
   If the **Untitled** size is not listed at left, click **+** below the list.
6. Under **Page Size**, enter “10” in **Width** and “50” in **Height**. Here, measurements are entered in centimeters.
7. Specify the margins by entering “0.3” in **Printer Margins**. Here, too, measurements are entered in centimeters.
8. Click **OK** to close the **Custom Page Sizes** dialog box.

9. In the C **Paper Size** list, click the size of the original. In this case, click "100*500", the size you registered.
10. In D **Orientation**, click the icon of the document in landscape orientation.
11. Click F **OK** to close the dialog box.

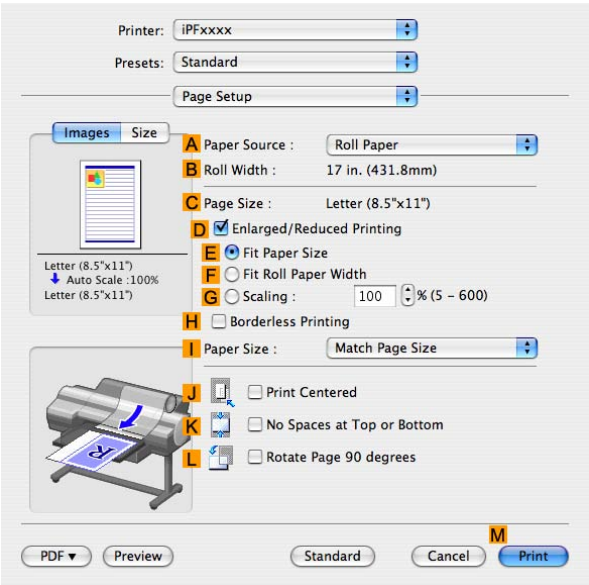
Print the banner

Follow the steps below to print the banner using the corresponding banner settings.

1. Choose **Print** in the application menu.
2. Access the **Main** pane.



3. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
4. After confirming that D **Easy Settings** is selected, click **POP** in the E **Print Target** list.
5. Access the **Page Setup** pane.

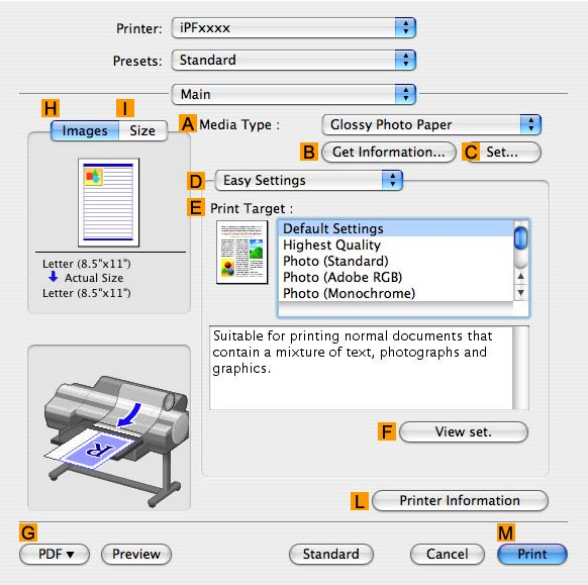


6. Click **Roll Paper** in the A **Paper Source** list.

7. Make sure the width of the loaded roll is displayed in the B **Roll Paper Width** list-in this case, **16 in. (406.4mm)**.

Note

- If the width of the loaded roll is not displayed in B **Roll Paper Width**, click L **Printer Information** on the **Main** pane and update the printer information.



8. In C **Page Size**, make sure "100*500" is displayed, as registered in **Page Setup**.
9. Select the D **Enlarged/Reduced Printing** check box.
10. Click F **Fit Roll Paper Width**.
11. Confirm the print settings, and click M **Print** to start printing.

Note

- For tips on confirming print settings, see “Confirming Print Settings (Mac OS X)”. (→P.436)

Printing on Non-Standard Paper Sizes

By specifying the paper size, you can print on non-standard sizes of paper.
There are two ways to print on non-standard paper sizes, as follows.

Registering non-standard paper size in the printer driver

After you register non-standard paper sizes, they are listed with standard sizes so that you can choose them anytime as needed.

Note

- These non-standard paper sizes you register in the printer driver are called Custom Paper Sizes in Windows and “Custom Sizes” in Mac OS X.

Specifying custom paper sizes for temporary use

Because these are sizes you specify temporarily in the printer driver, the sizes will not be available after you exit the application. If you want to set up a non-standard paper size so that it will always be available, we recommend registering the paper size in the printer driver.

Note

- These temporary paper sizes you register on the printer are called “Custom Sizes” in Windows.

For instructions on specifying non-standard paper sizes for printing, refer to the following topics, as appropriate for your computer and operating system.

- Printing on Non-Standard Paper Sizes (Windows) (→P.296)
- Printing on Non-Standard Paper Sizes (Mac OS X) (→P.300)

Printing on Non-Standard Paper Sizes (Windows)

This topic describes two ways to print on non-standard paper sizes.

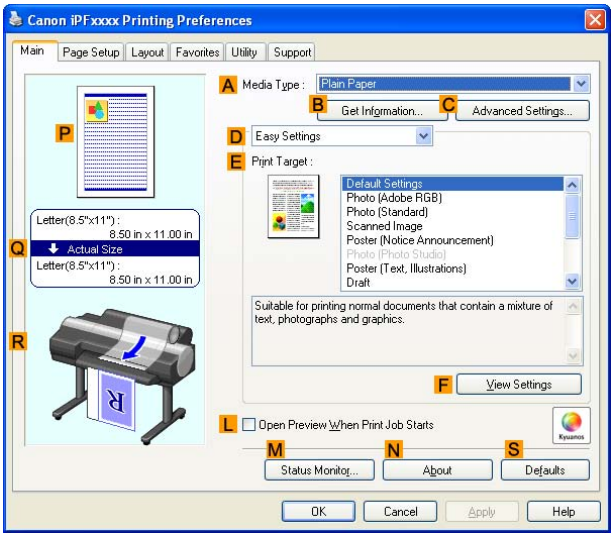
- Printing by using **Custom Size** (→P.296)
- Printing by using **Custom Paper Size** (→P.298)

Printing by using Custom Size

This section describes how to print using **Custom Size** based on the following example.

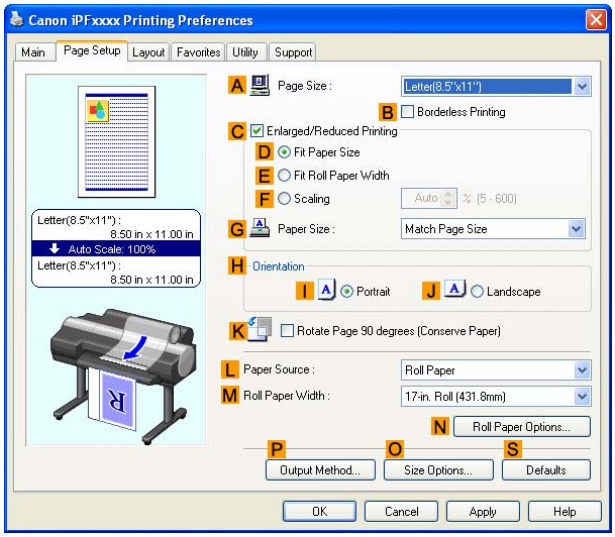
- Document: Scanned image
- Page size: Square of non-standard dimensions (430×430 mm [16.9×16.9 in])
- Paper: Sheets (**Manual**)
- Paper type: Plain Paper
- Paper size: A square sheet (430×430 mm [16.9×16.9 in])

1. Load the square paper (430×430 mm [16.9×16.9 in]) in the Top Paper Feed Slot.
2. Choose **Print** in the source application menu.
3. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
4. Make sure the **Main** sheet is displayed.



5. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
6. After confirming that D **Easy Settings** is selected, click **Scanned Image** in the E **Print Target** list.

7. Click the **Page Setup** tab to display the **Page Setup** sheet.



8. Click **Manual** in the L **Paper Source** list.
9. Click **Custom Size** in the A **Page Size** list to display the **Custom Size Settings** dialog box.
10. Complete the following settings in the **Custom Size Settings** dialog box.
    1. Select **mm** or inch in **Units**.
    2. Enter “430” [16.9 in] in both **Width** and **Height**.
11. Click **OK** to close the **Custom Size Settings** dialog box.
12. Confirm the print settings and print as desired.

Note

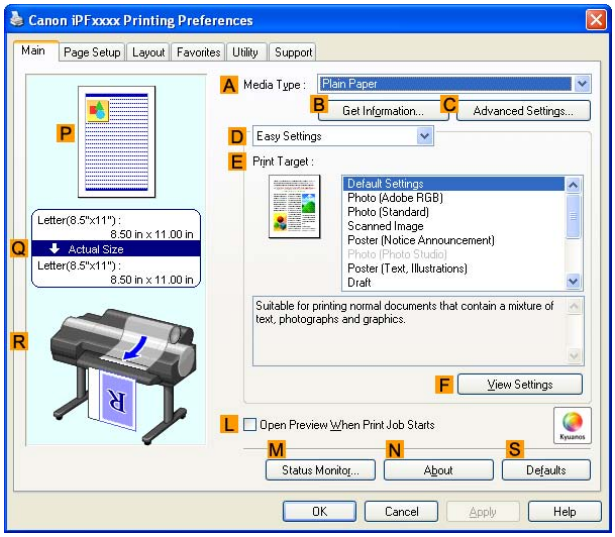
- For instructions on confirming print settings, see “Confirming Print Settings (Windows)”. (→P.384)

Printing by using Custom Paper Size

This section describes how to print using **Custom Paper Size** based on the following example. First, register a non-standard paper size called “430 mm Square” as a **Custom Paper Size**.

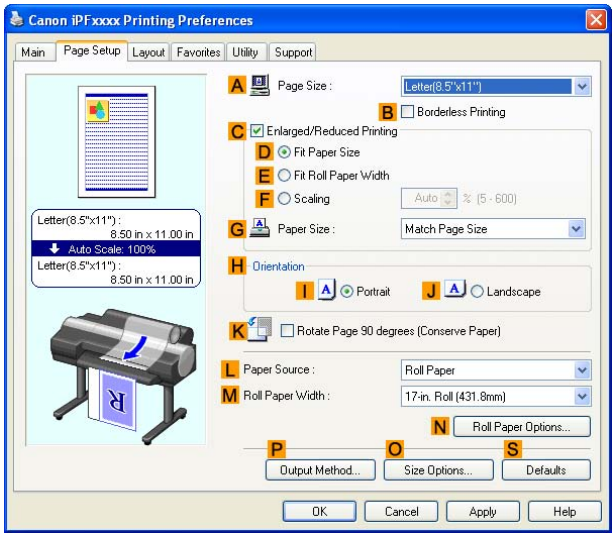
- Document: Scanned image
- Page size: A square sheet (430×430 mm [16.9×16.9 in])
- Paper: Sheets (**Manual**)
- Paper type: Plain Paper
- Paper size: A square sheet (430×430 mm [16.9×16.9 in])

1. Load the square paper (430×430 mm [16.9×16.9 in]) in the Top Paper Feed Slot.
2. Choose **Print** in the source application menu.
3. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
4. Make sure the **Main** sheet is displayed.



5. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
6. After confirming that D **Easy Settings** is selected, click **Scanned Image** in the E **Print Target** list.

7. Click the **Page Setup** tab to display the **Page Setup** sheet.



8. Click O **Size Options** to display the **Paper Size Options** dialog box.
9. Complete the following settings in the **Paper Size Options** dialog box.
   1. Enter a desired paper name in **Custom Paper Size Name**. “430 mm Square” is used in this example.
   2. Select **mm** or inch in **Units**.
   3. Enter “430” [16.9 in] in both **Width** and **Height**.

Note

- If you select the **Fix the Ratio of the Width to Height** check box, after you enter a value in either **Width** or **Height**, the other value will be automatically applied based on the original aspect ratio.

10. Click **Add** to register “430 mm Square.”
11. Click **OK** to close the **Paper Size Options** dialog box.
12. Click **Manual** in the L **Paper Source** list.
13. In the A **Page Size** list, click the size you added, "430 mm Square."
14. Confirm the print settings and print as desired.

Note

- For instructions on confirming print settings, see “Confirming Print Settings (Windows)”. (→P.384)

Printing on Non-Standard Paper Sizes (Mac OS X)

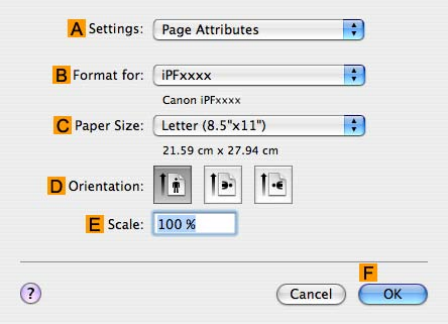
This topic describes how to print after registering “Custom Media Size” based on the following example. Here, you will register a non-standard paper size named “430*430” in “Custom Media Size”.

- Document: Scanned image
- Page size: A square sheet (430×430 mm [16.9×16.9 in])
- Paper: Sheets (**Manual**)
- Paper type: Plain Paper
- Paper size: A square sheet (430×430 mm [16.9×16.9 in])

Note

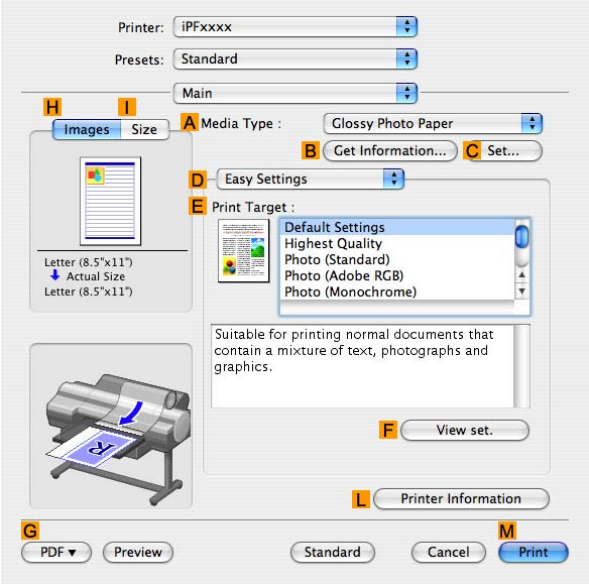
- The following procedures are based on Mac OS X 10.4. The method of setting up non-standard paper sizes varies depending on the version of Mac OS X.

1. Create the document in the application.
2. Load the square paper (430×430 mm [16.9×16.9 in]) in the Top Paper Feed Slot.
3. Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.



4. Select the printer in the B **Format for** list.
5. Click **Manage Custom Sizes** in the C **Paper Size** list to display the **Custom Page Sizes** dialog box.
6. In **Page Size**, enter the height and width of the original. Here, enter “43.00 cm” in **Height** and **Width**.
7. In **Printer Margins**, enter “0.3” for the top and side margins and “2.3” for the bottom margin. Here, measurements are entered in centimeters.
8. Double-click **Untitled** in the list at left in the **Custom Page Sizes** dialog box and enter the paper name-in this case, “430*430”.
9. Click **OK** to close the **Custom Page Sizes** dialog box.
10. In the C **Paper Size** list, click the size of the original. In this case, click “430*430”, the size you registered.
11. Click F **OK** to close the dialog box.
12. Choose **Print** in the application menu.

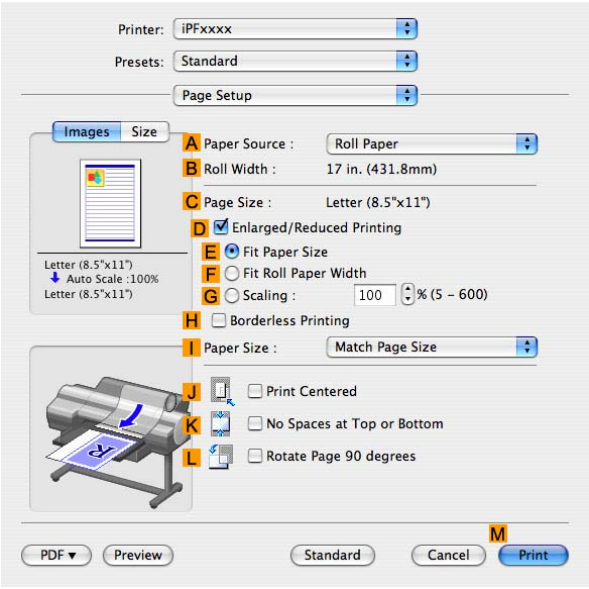
13. Access the **Main** pane.



14. In the **A** **Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.

15. After confirming that **D** **Easy Settings** is selected, click **Scanned Image** in the **E** **Print Target** list.

16. Access the **Page Setup** pane.



17. Click **Manual** in the **A** **Paper Source** list.

18. In **D** **Easy Settings**, make sure “430*430” is displayed, as registered in **Page Setup**.

19. Confirm the print settings, and then click **M** **Print** to start printing.

Note

- For tips on confirming print settings, see “Confirming Print Settings (Mac OS X)”. (→P.436)

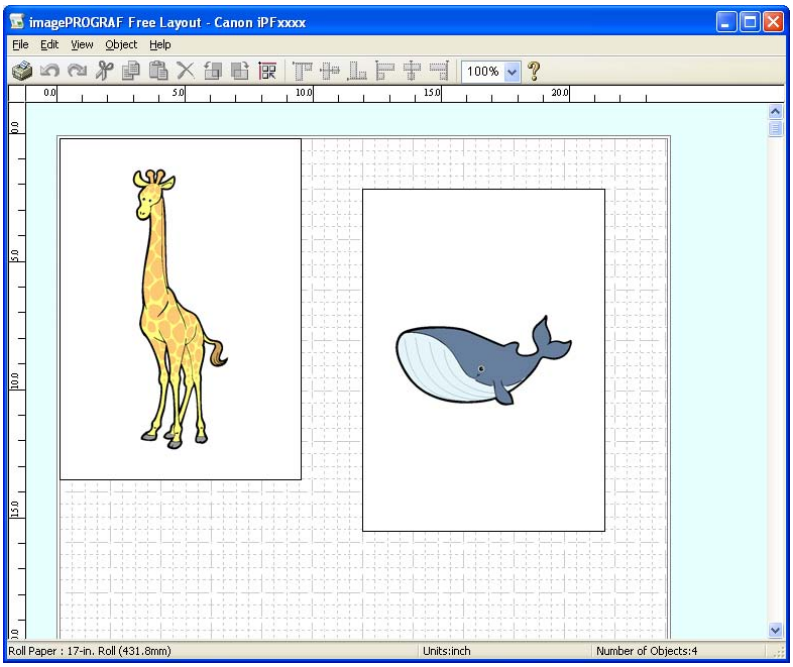
Tiling and multiple pages per sheet

Printing Multiple Originals Next to Each Other

By arranging originals from word-processing or spreadsheet programs or web browser screen shots next to each other on single sheets, you can create highly expressive presentation materials, easy-to-understand meeting materials, and a variety of other printed documents.

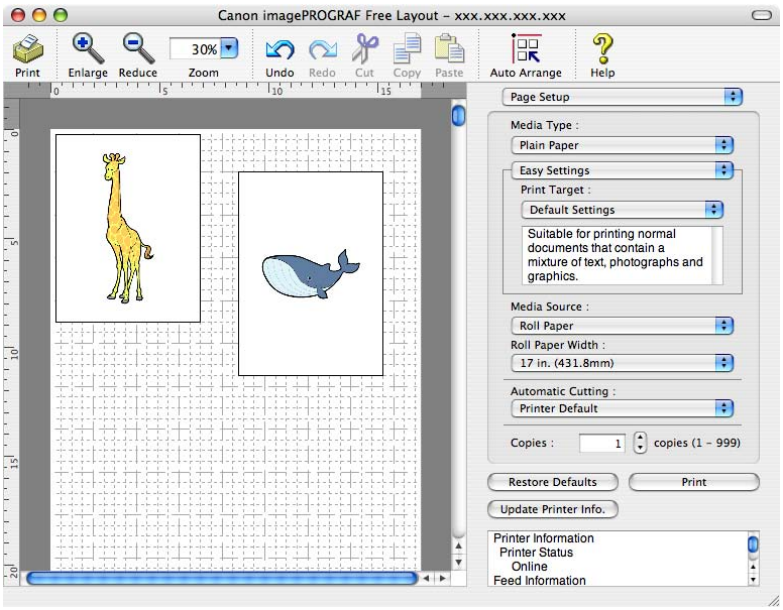
Free Layout (Windows)

Besides combining multiple pages in a single-page layout, you can combine originals from multiple files-even multiple source applications-in a single-page layout.



imagePROGRAF Free Layout (Macintosh)

Besides combining multiple pages in a single-page layout, you can combine originals from multiple files-even multiple source applications-in a single-page layout.



Important

- The driver must be installed from the User Software CD-ROM to use this function.

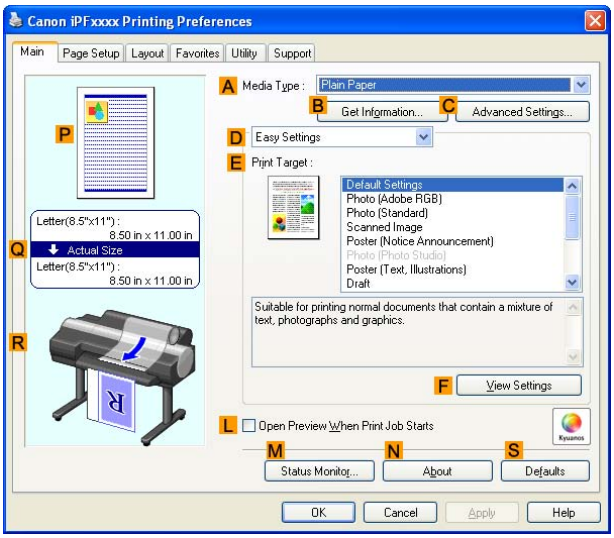
For instructions on arranging originals from multiple applications, refer to the following topics.

- Printing Multiple Originals Next to Each Other (Windows) (→P.304)
- Printing Multiple Originals Next to Each Other (Mac OS X) (→P.306)

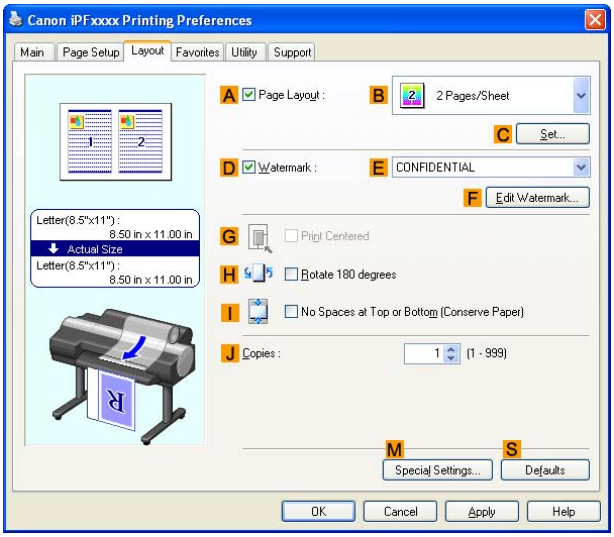
Printing Multiple Originals Next to Each Other (Windows)

This topic describes how to arrange multiple originals using the Free Layout function.

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then open the printer driver dialog box. (→P.390)
3. Make sure the **Main** sheet is displayed.

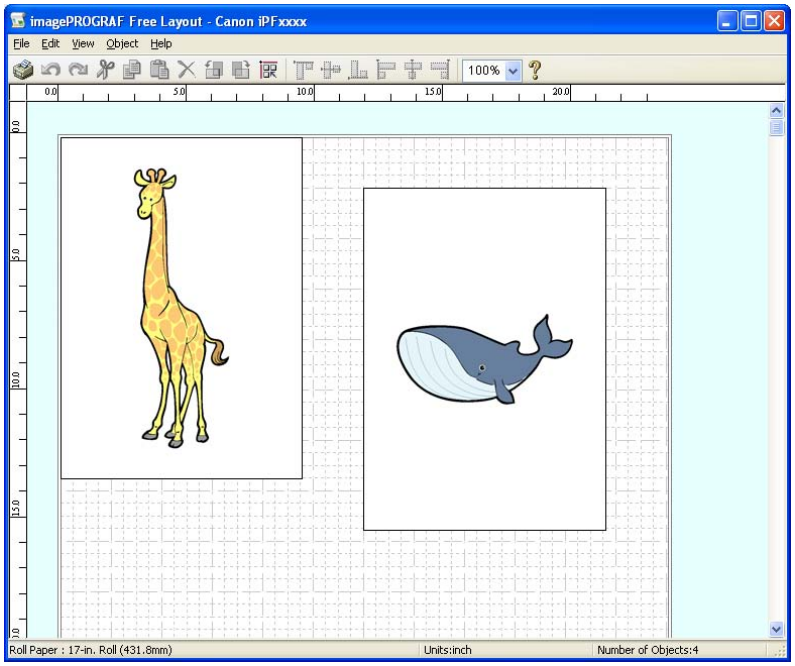


4. Click the **Layout** tab to display the **Layout** sheet.



5. Select the A **Page Layout** check box.
6. Click **Free Layout** in the B **Page Layout** list.

7. When you attempt to print, the imagePROGRAF Free Layout window is displayed. (At this point, the document will not be printed yet.)



8. Edit and rearrange the image in the imagePROGRAF Free Layout window as desired.

Important

- Without closing the imagePROGRAF Free Layout window, repeat steps 1-7 to arrange originals from multiple applications on the same page.

Note

- For instructions on editing and rearranging images, refer to the imagePROGRAF Free Layout help topic.

9. Print from the imagePROGRAF Free Layout menu.

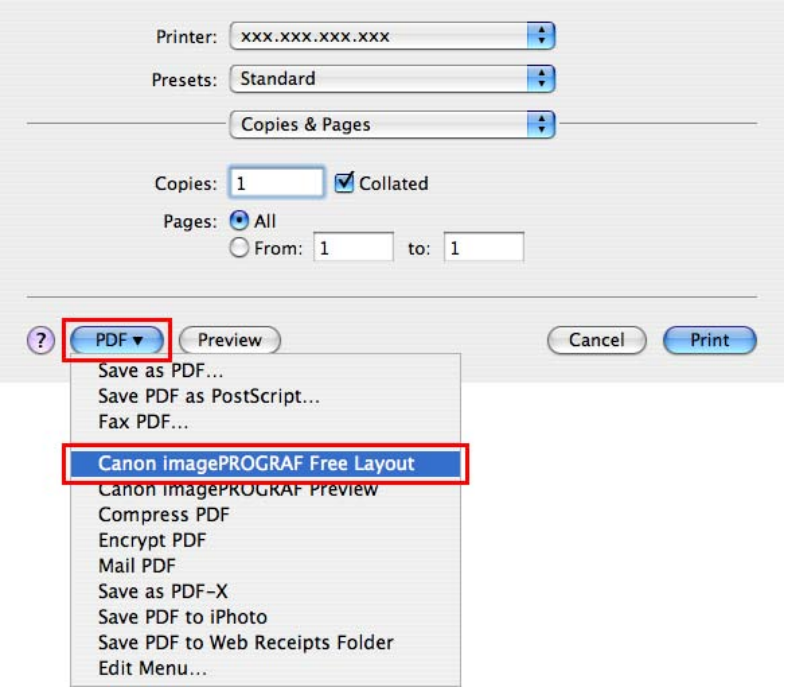
Note

- For details on imagePROGRAF Free Layout functions, refer to Free Layout .

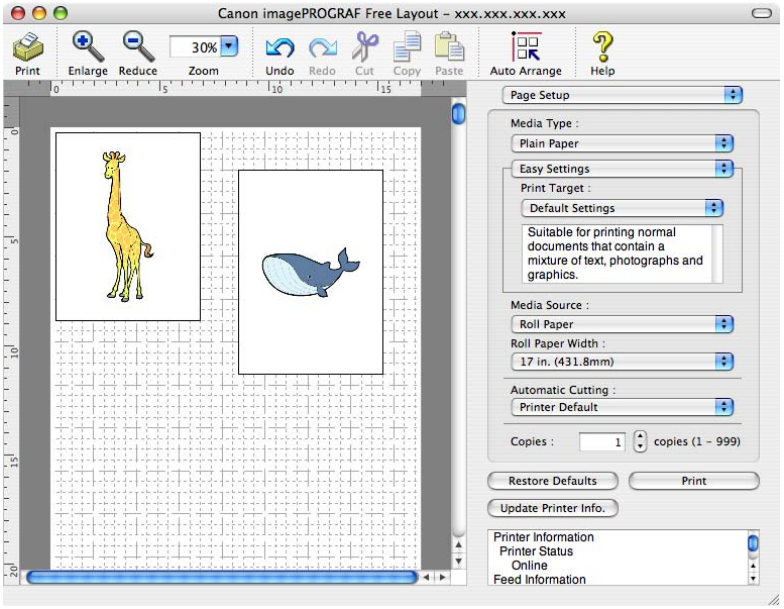
Printing Multiple Originals Next to Each Other (Mac OS X)

This topic describes how to use the **Free Layout** function to arrange multiple originals next to each other before printing.

1. Choose **Print** in the application menu.
2. Click **PDF** and select **Canon imagePROGRAF Free Layout**.



3. The **Canon imagePROGRAF Free Layout** window is displayed.



4. Edit and rearrange the image in the **Canon imagePROGRAF Free Layout** window as desired.


Important

- Without closing the **Canon imagePROGRAF Free Layout** window, repeat steps 1-7 to arrange originals from multiple applications on the same page.


Note

- For instructions on editing and rearranging images, refer to the **Canon imagePROGRAF Free Layout** help topic.

5. Print from the **Canon imagePROGRAF Free Layout** menu.

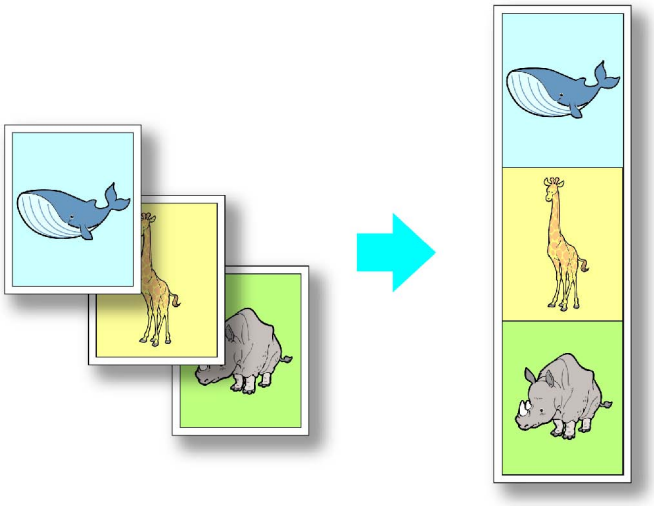

Note

- For details on **Canon imagePROGRAF Free Layout** functions, refer to Free Layout .

Printing Multiple Pages Continuously

You can print multiple pages as a single continuous image, without margins between pages.

Roll paper (banner)



Important

- This feature is only available with rolls. It cannot be used when printing on sheets.
- During banner printing, settings for conserving paper, number of copies, borderless printing, enlargement or reduction, and other layout-related settings are disregarded.

For instructions on borderless printing of photos and images at actual size, refer to the following topics, as appropriate for your computer and operating system.

- Printing Multiple Pages Continuously (Windows) (→P.309)
- Printing Multiple Pages Continuously (Mac OS X) (→P.311)

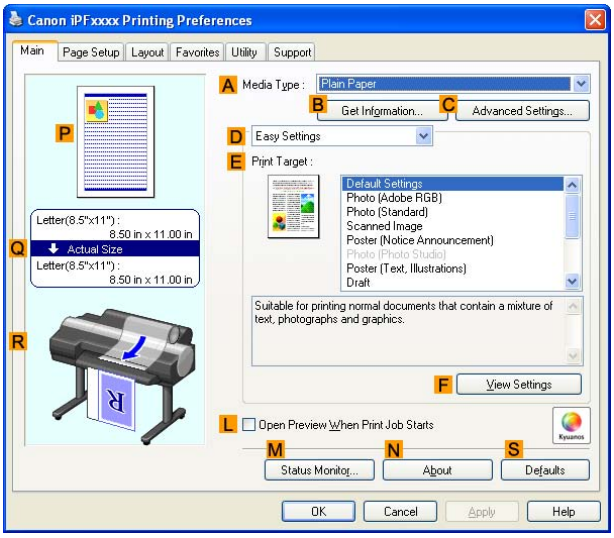
Printing Multiple Pages Continuously (Windows)

This topic describes how to print multiple pages as a single continuous image, without margins between pages.

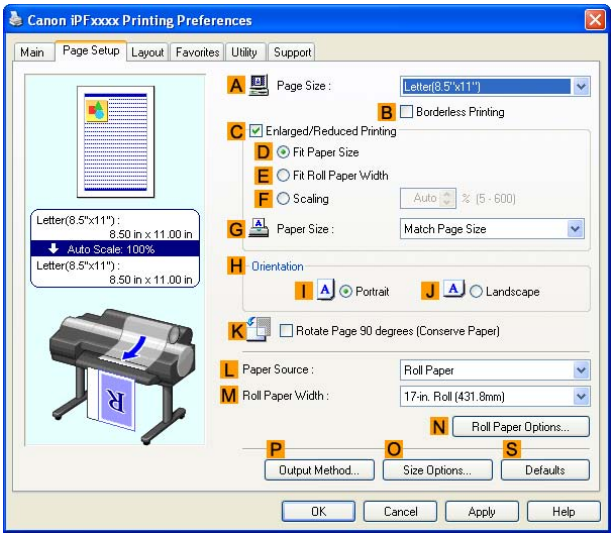
Important

- This feature is only available with rolls. It cannot be used when printing on sheets.
- During banner printing, settings for conserving paper, number of copies, borderless printing, enlargement or reduction, and other layout-related settings are disregarded.

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
3. Make sure the **Main** sheet is displayed.



4. In the A **Media Type** list, click the type of paper that is loaded.
5. Click the **Page Setup** tab to display the **Page Setup** sheet.



6. Click **Roll Paper** in the L **Paper Source** list.

7. Click N **Roll Paper Options** to display the **Roll Paper Options** dialog box.



8. Select the B **Banner Printing** check box.
9. Click **OK**.
10. Confirm the print settings and print as desired.

Note

- For tips on confirming print settings, see “Confirming Print Settings (Windows)”. (→P.384)

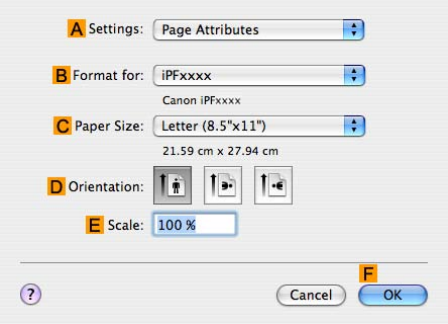
Printing Multiple Pages Continuously (Mac OS X)

This topic describes how to print multiple pages as a single continuous image, without margins between pages.

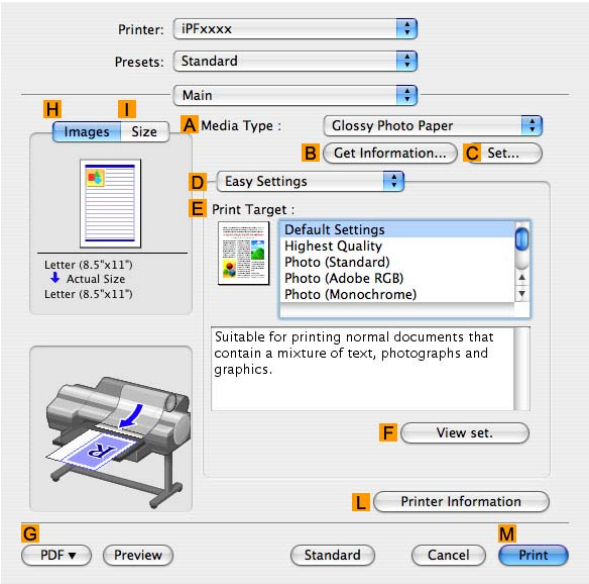
Important

- This feature is only available with rolls. It cannot be used when printing on sheets.
- During banner printing, settings for conserving paper, number of copies, borderless printing, enlargement or reduction, and other layout-related settings are disregarded.

1. Choose **Page Setup** in the application menu to display the **Page Attributes** dialog box.

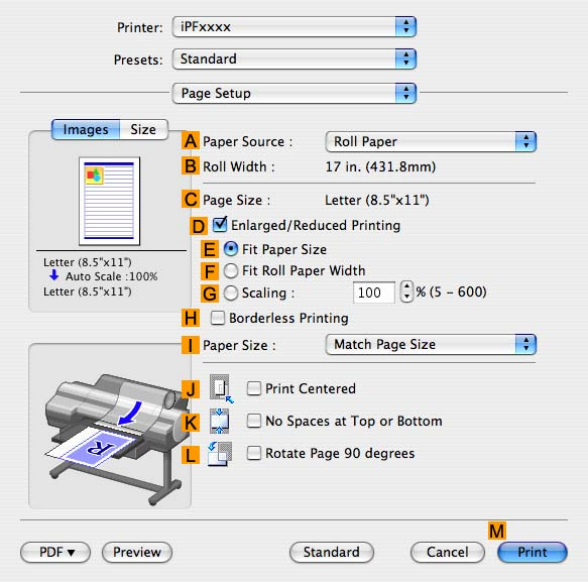


2. Select the printer in the **B Format for** list.
3. Click the original size in the **C Paper Size** list.
4. Click **F OK** to close the dialog box.
5. In the source application menu, choose **Print**.
6. Access the **Main** pane.



7. In the **A Media Type** list, click the type of paper that is loaded.
8. Make your selection in the **E Print Target** list.

9. Access the **Page Setup** pane.



10. Click **Roll Paper (Banner)** in the A **Paper Source** list.

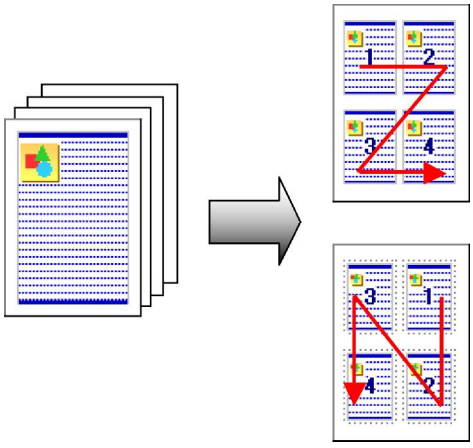
11. Confirm the print settings, and then click M **Print** to start printing.

Note

- For tips on confirming print settings, see “Confirming Print Settings (Mac OS X)”. (→P.436)

Printing Multiple Pages Per Sheet

To conserve paper, you can print several pages of the original on a single sheet by reducing the original and dividing the sheet into areas for each page.



Page Layout

Specify a number of pages of the original to print on a single sheet, in a layout of multiple pages per sheet.

Note

- You can print up to 16 pages of the original on a single sheet.
- You can also change the page layout order and print page boundary lines, as desired.

Important

- This function cannot be combined with the following options.
  - Borderless Printing
  - Resizing to Fit the Roll Width (Windows)
  - Scaling Originals (Windows)
  - Banner Printing (Windows)

For instructions on printing multiple pages per sheet, refer to the following topics, as appropriate for your computer and operating system.

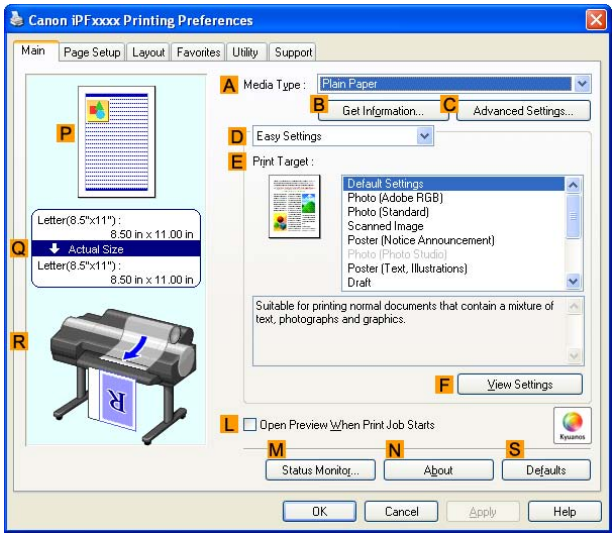
- Printing Multiple Pages Per Sheet (Windows) (→P.314)
- Printing Multiple Pages Per Sheet (Mac OS X) (→P.316)

Printing Multiple Pages Per Sheet (Windows)

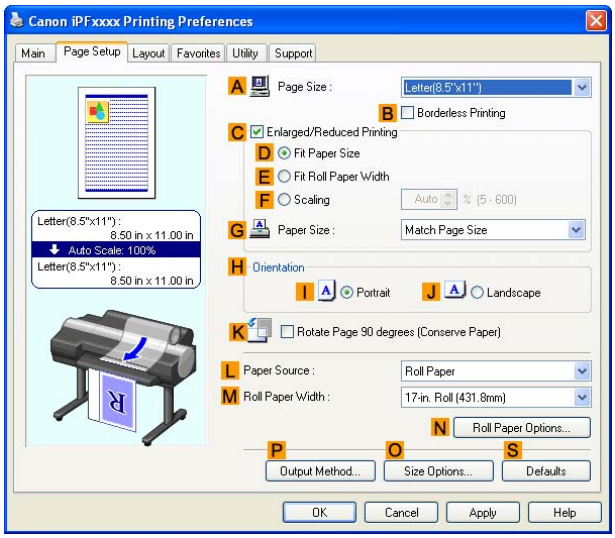
This topic describes how to print four pages of originals together on a single sheet based on the following example.

- Document: Any Type
- Page size: A3 (297.0×420.0 mm [11.7×16.5 in])
- Paper: Roll
- Paper type: Plain Paper
- Roll paper width: A2/A3 roll (420.0 mm [16.5 in])

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then open the printer driver dialog box. (→P.390)
3. Make sure the **Main** sheet is displayed.

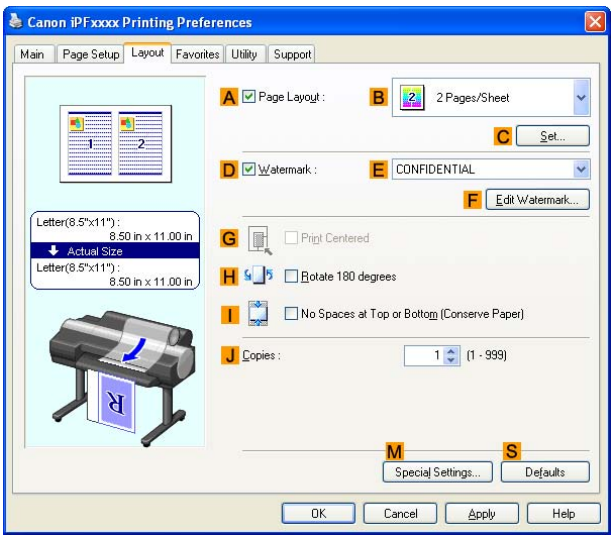


4. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
5. Select the printing application in the E **Print Target** list.
6. Click the **Page Setup** tab to display the **Page Setup** sheet.



7. In A **Page Size**, click the size of the original as specified in the application software. In this case, click **ISO A4** or **Letter (8.5"x11")**.
8. Click **Roll Paper** in the L **Paper Source** list.

9. Select the width of the loaded roll in the **M** **Roll Paper Width** list-in this case, **ISO A2/A3 Roll (420.0mm)**.
10. Click the **Layout** tab to display the **Layout** sheet.



11. Select the **A** **Page Layout** check box.
12. Click **4 Pages/Sheet** in the **B** **Page Layout** list.

Note

- You can select the layout order for placing four pages on a sheet and a frame border in the **Page Layout Printing** dialog box by clicking **C** **Set**.

13. Confirm the print settings and print as desired.

Note

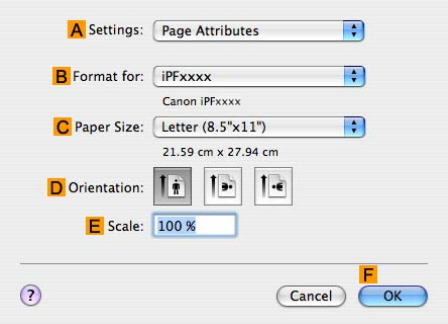
- For tips on confirming print settings, see “Confirming Print Settings (Windows)”. (→P.384)

Printing Multiple Pages Per Sheet (Mac OS X)

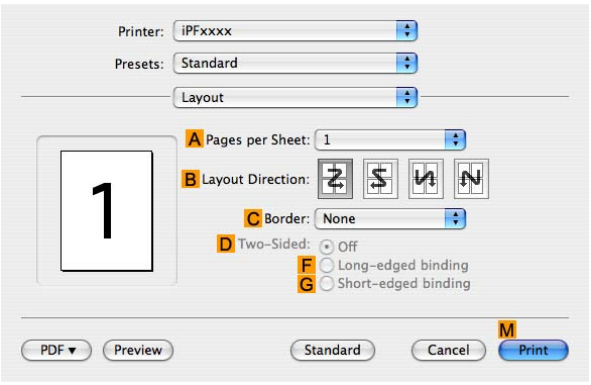
This topic describes how to print four pages of originals together on a single sheet based on the following example.

- Document: Any Type
- Page size: A3 (297.0 × 420.0 mm [11.7 × 16.5 in])
- Paper: Roll
- Paper type: Plain Paper
- Roll paper width: A2/A3 roll (420.0 mm [16.5 in])

1. Choose **Page Setup** in the application menu to display the **Page Attributes** dialog box.



2. Select the printer in the B **Format for** list.
3. In the C **Paper Size** list, click the size of the original. In this case, click **ISO A3**.
4. Click F **OK** to close the dialog box.
5. Choose **Print** in the application menu.
6. Access the **Layout** pane.

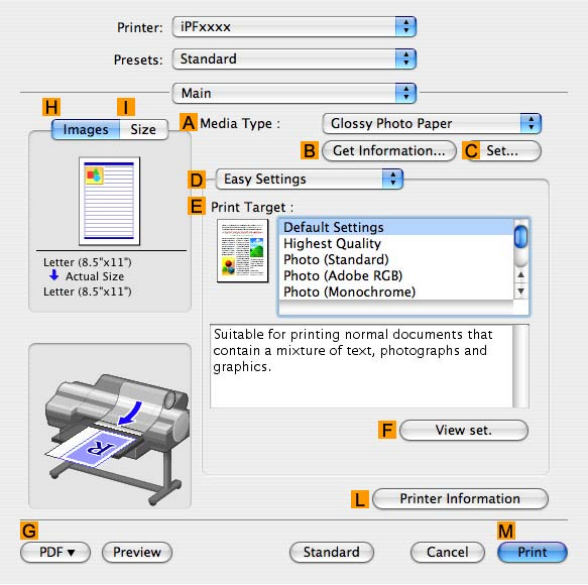


7. Click **4.0** in the A **Pages per Sheet** list.

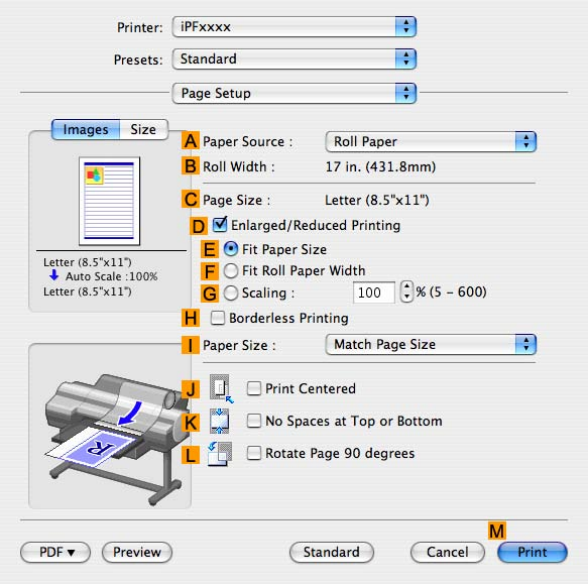
Note

- You can choose the layout order and specify a boundary line for the four pages in B **Layout Direction** and C **Border** (or **Border**).

8. Access the **Main** pane.



9. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
10. Select the printing application in the E **Print Target** list.
11. Access the **Page Setup** pane.

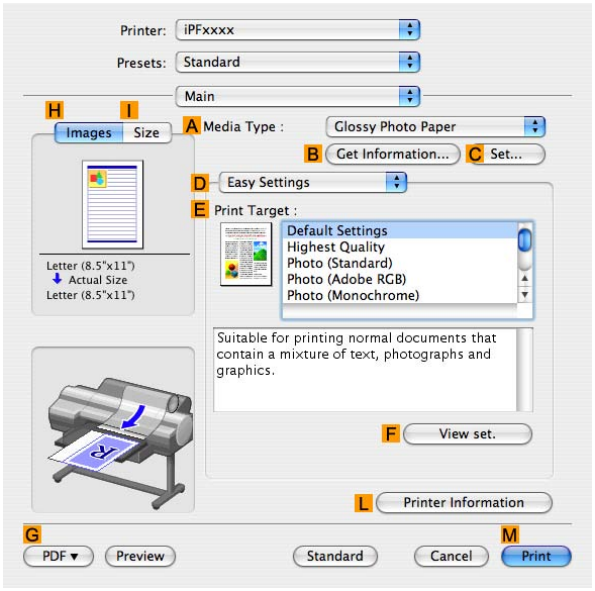


12. Click **Roll Paper** in the A **Paper Source** list.

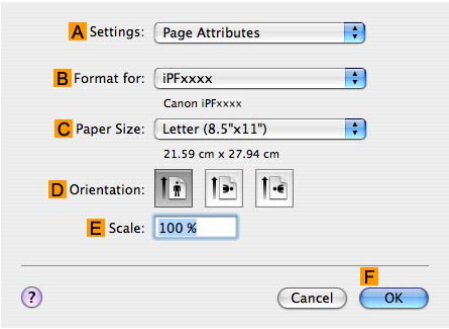
13. Make sure the width of the loaded roll is displayed in the **B** **Roll Paper Width** list-in this case, **ISO A2/A3 (420.0mm)**.

Note

- If the width of the loaded roll is not displayed in **B** **Roll Paper Width**, click **L** **Printer Information** on the **Main** pane and update the printer information.



14. Make sure **C** **Page Size** shows the original size as specified in **C** **Paper Size** in the **Page Attributes** dialog box-in this case, **ISO A3**.



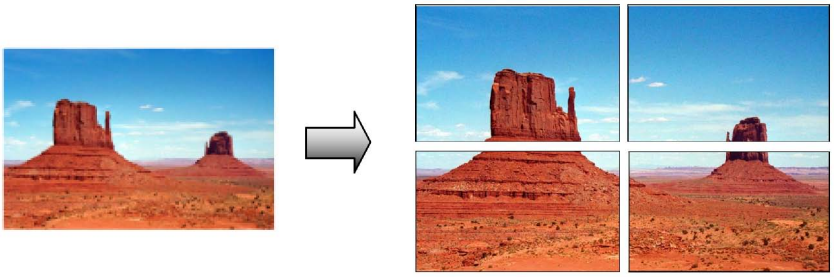
15. Confirm the print settings, and then click **M** **Print** to start printing.

Note

- For tips on confirming print settings, see “Confirming Print Settings (Mac OS X)”. (→P.436)

Printing Posters in Sections

You can enlarge an original to print it in sections on several sheets. By assembling the printed sheets, you can create a poster larger than the maximum supported paper size of the printer.



Page Layout

Choose poster printing.
For instructions on printing large posters, refer to the following topics, as appropriate for your computer and operating system.

- Printing Large Posters (Windows) (→P.320)

Note

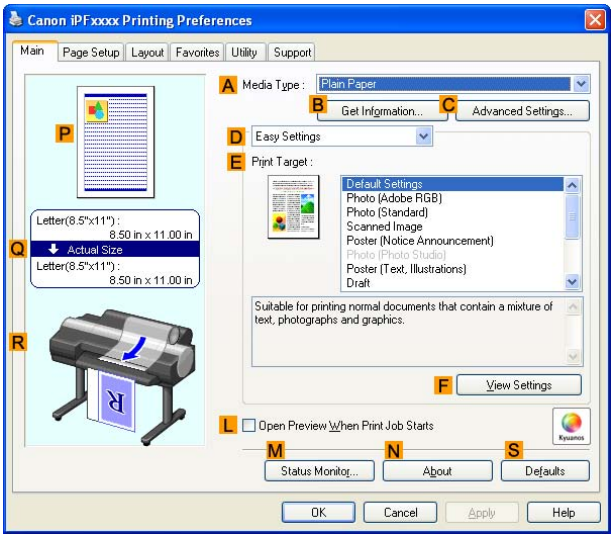
- This method of poster printing is supported in Windows.

Printing Large Posters (Windows)

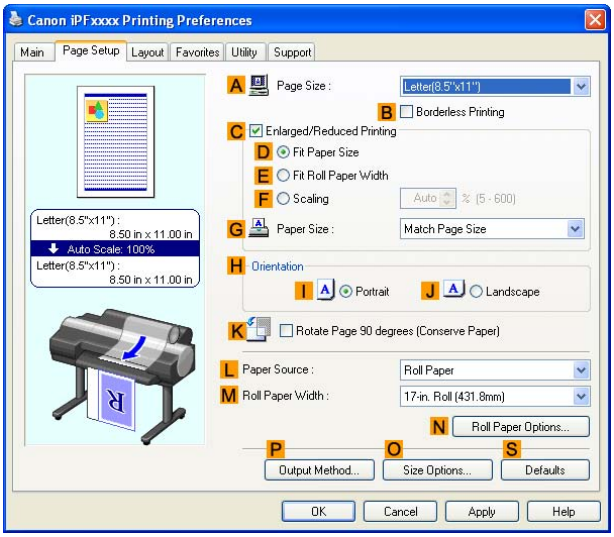
You can enlarge an original to print it in sections on several sheets. By assembling the printed sheets, you can create a poster larger than the maximum supported paper size of the printer. This topic describes how to enlarge an A2 original for printing it in sections on four sheets, based on the following example.

- Document: Poster
- Page size: A2 (420.0×594.0 mm [16.5 × 23.4 in])
- Paper: Sheets (**Manual**)
- Paper Type: Glossy Paper
- Paper size: A2 (420.0×594.0 mm [16.5 × 23.4 in])

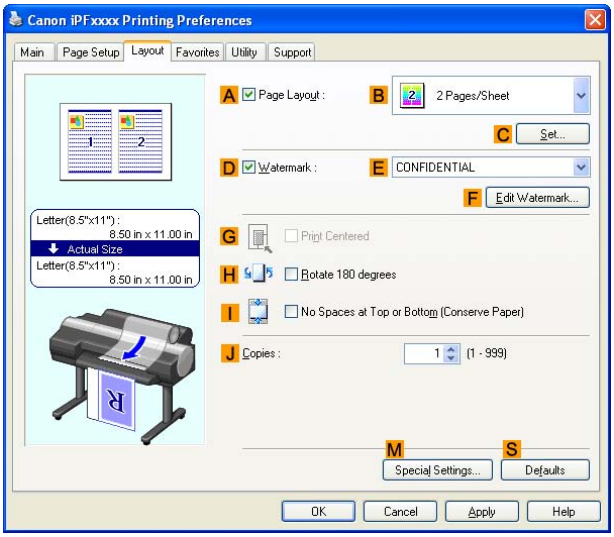
1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
3. Make sure the **Main** sheet is displayed.



4. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Glossy Paper.
5. Click **Poster (Graphic Image)** in the E **Print Target** list.
6. Click the **Page Setup** tab to display the **Page Setup** sheet.



7. In A **Page Size**, click the size of the original as specified in the application. In this case, click **ISO A2**.
8. Click **Manual** in the L **Paper Source** list.
9. Click the **Layout** tab to display the **Layout** sheet.



10. Select the A **Page Layout** check box.
11. Click **Poster (2 x 2)** in the B **Page Layout** list.

Note

- Follow the steps below to print only a portion of the poster as divided for printing.
  1. Click C **Set** under B **Page Layout** to display the **Pages to Print** dialog box.
  2. On the **Pages to Print** dialog box, clear the check boxes of the portion you do not want to print.
  3. Click **OK** to close the **Pages to Print** dialog box.

12. Confirm the print settings and print as desired.

Note

- For instructions on confirming print settings, see “Confirming Print Settings (Windows)”. (→P.384)

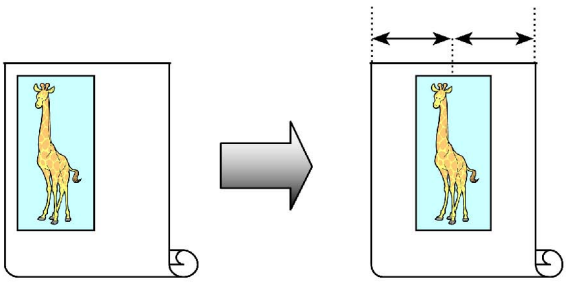
Centering originals

Printing Originals Centered on Rolls

When using originals smaller than the roll paper width, you can center them relative to the width when printing.

Print Centered

Aligns the center of the original with the center of the roll, relative to the width.



For instructions on centering originals when printing on rolls, refer to the following topics, as appropriate for your computer and operating system.

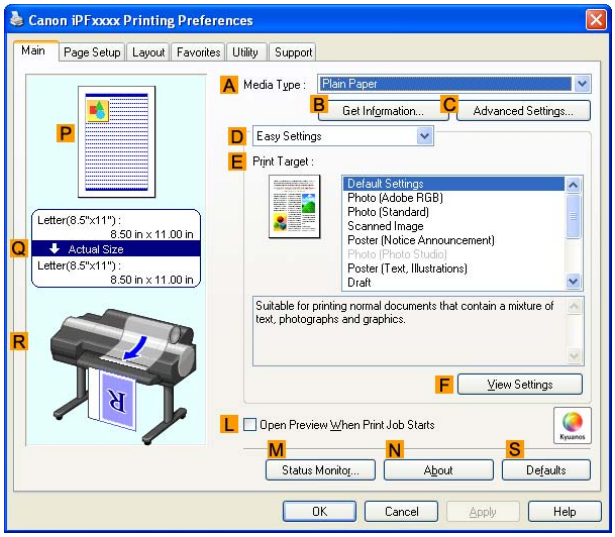
- Printing Originals Centered on Rolls (Windows) (→P.323)
- Printing Originals Centered on Rolls (Mac OS X) (→P.325)

Printing Originals Centered on Rolls (Windows)

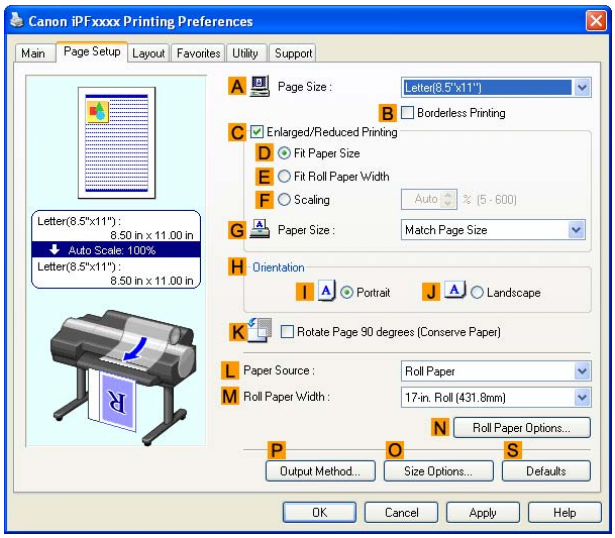
This topic describes how to center originals before printing on rolls based on the following example.

- Document: Any type
- Page size: A4 (210.0×297.0 mm)/Letter (8.3 × 11.7 in)
- Paper: Roll
- Paper type: Plain Paper
- Roll width: A3/A4 roll (297.0 mm [11.7 in])

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
3. Make sure the **Main** sheet is displayed.

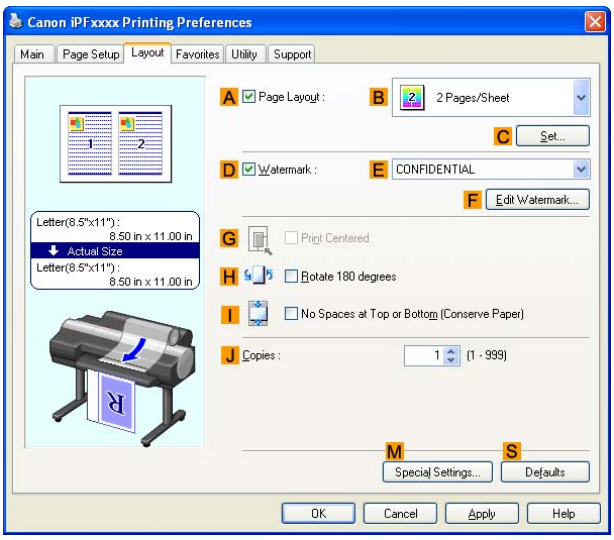


4. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
5. Select the print target in the E **Print Target** list.
6. Click the **Page Setup** tab to display the **Page Setup** sheet.



7. In the A **Page Size** list, click the size of the original as specified in the application. In this case, click **ISO A4** or **Letter (8.5"x11")**.
8. Click **Roll Paper** in the L **Paper Source** list.

9. Select the width of the loaded roll in the M **Roll Paper Width** list-in this case, **ISO A3/A4 Roll (297.0mm)**.
10. Click the **Layout** tab to display the **Layout** sheet.



11. Select the G **Print Centered** check box.
12. Confirm the print settings and print as desired.

Note

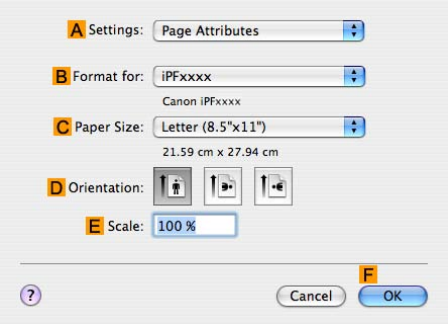
- For tips on confirming print settings, see “Confirming Print Settings (Windows)”. (→P.384)

Printing Originals Centered on Rolls (Mac OS X)

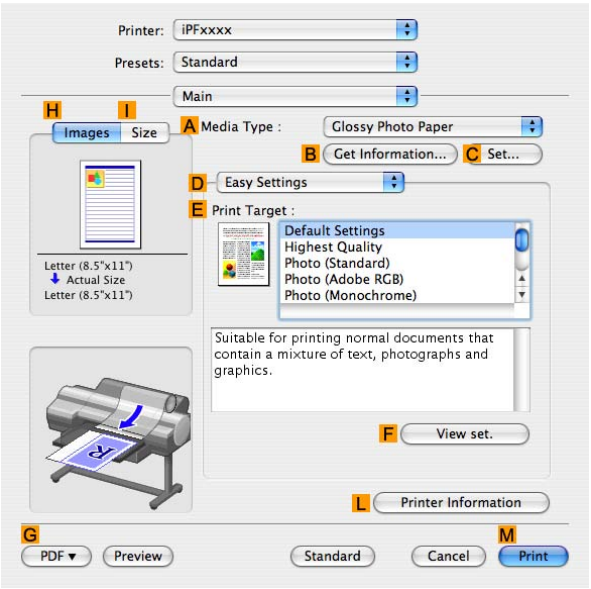
This topic describes how to center originals before printing on rolls based on the following example.

- Document: Any type
- Page size: A4 (210.0×297.0mm)/Letter (8.3 × 11.7 in)
- Paper: Roll
- Paper type: Plain Paper
- Roll paper width: A3/A4 roll (297.00 mm [11.7 in])

1. Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.

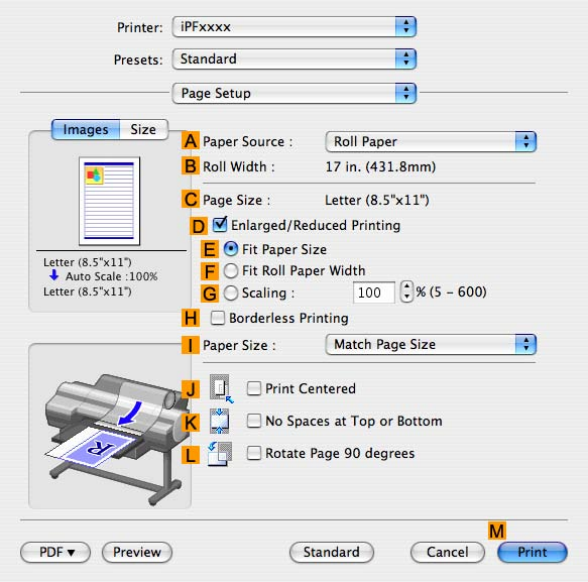


2. Select the print target in the B **Format for** list.
3. In C **Paper Size**, click the size of the original. In this case, click **ISO A4**.
4. Click F **OK** to close the dialog box.
5. Choose **Print** in the application menu.
6. Access the **Main** pane.



7. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
8. Select the print target in the E **Print Target** list.

9. Access the **Page Setup** pane.

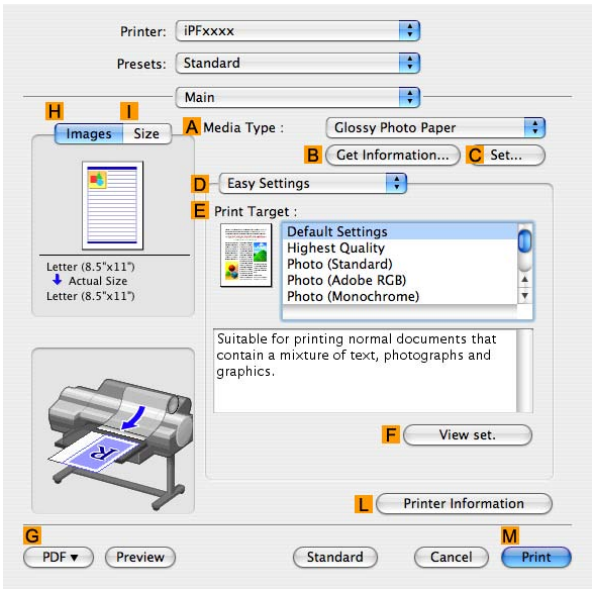


10. Click **Roll Paper** in the **A Paper Source** list.

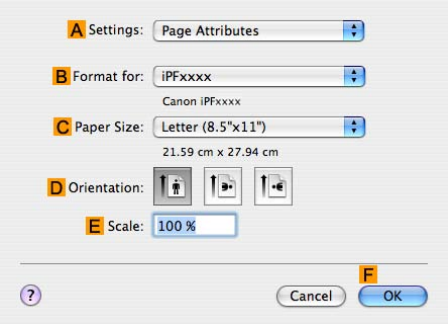
11. Make sure the width of the loaded roll is displayed in the **B Roll Paper Width** list-in this case, **10-in. Roll**.

Note

- If the width of the loaded roll is not displayed in **B Roll Paper Width**, click **L Printer Information** on the **Main** pane and update the printer information.



12. Make sure the C **Page Size** setting matches the original size as selected in C **Paper Size** in the **Page Attributes** dialog box-in this case, **ISO A4**.



13. Select the J **Print Centered** check box.

14. Confirm the print settings, and click M **Print** to start printing.

Note

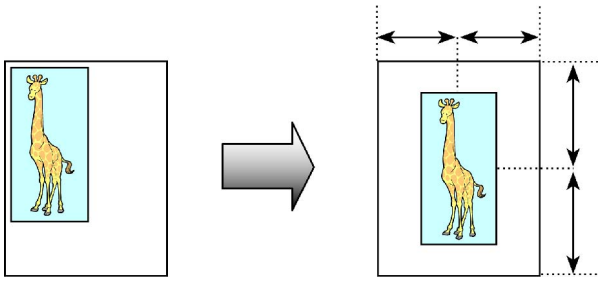
- For tips on confirming print settings, see “Confirming Print Settings (Mac OS X)”. (→P.436)

Printing Originals Centered on Sheets

When you print originals that are smaller than the sheet size, the originals are arranged in the upper left corner of the sheet. If you prefer, you can print originals that were arranged this way centered on the sheet instead.

Print Centered

Aligns the center of the original with the center of the sheet.



For instructions on centering originals when printing on sheets, refer to the following topics, as appropriate for your computer and operating system.

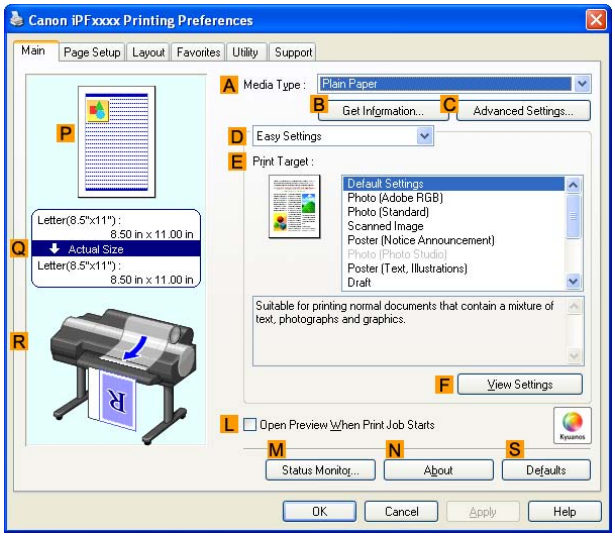
- Printing Originals Centered on Sheets (Windows) (→P.329)
- Printing Originals Centered on Sheets (Mac OS X) (→P.331)

Printing Originals Centered on Sheets (Windows)

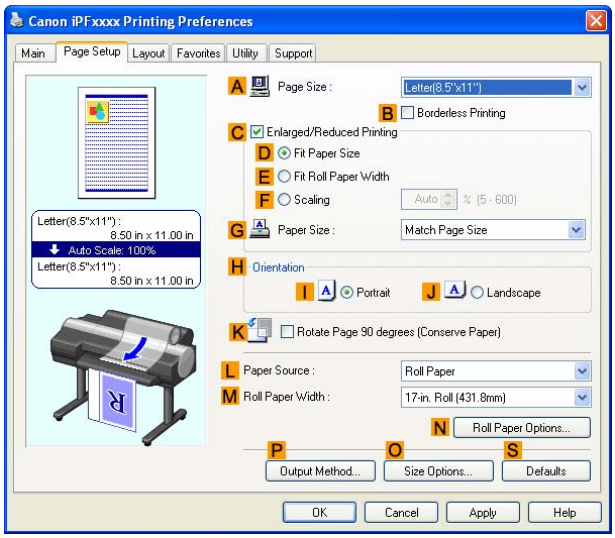
This topic describes how to reduce an original 50% for printing centered on a sheet.

- Document: Any type
- Page size: A4 (210.0×297.0 mm)/Letter (8.3 × 11.7 in)
- Paper: Sheets (**Manual**)
- Paper Type: Plain Paper
- Paper size: A4 (210.0×297.0 mm)/Letter (8.3 × 11.7 in)

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
3. Make sure the **Main** sheet is displayed.

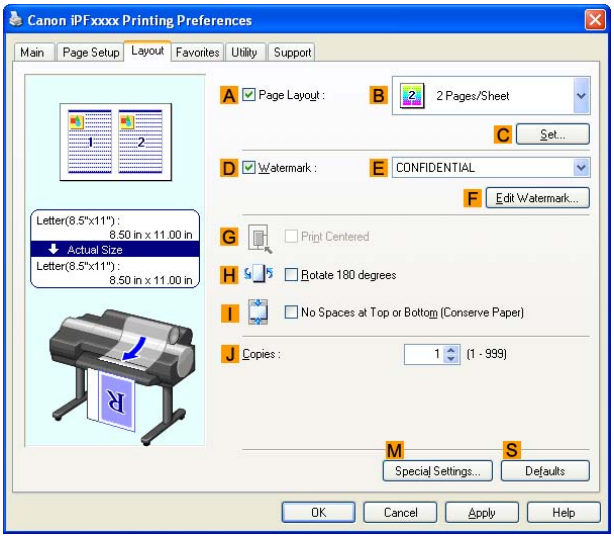


4. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
5. Select the type of document in the E **Print Target** list.
6. Click the **Page Setup** tab to display the **Page Setup** sheet.



7. In A **Page Size**, click the size of the original as specified in the application software. In this case, click **ISO A4** or **Letter (8.5"x11")**.

8. Select the C **Enlarged/Reduced Printing** check box.
9. Click **Match Page Size** in the G **Paper Size** list.
10. Click F **Scaling** and enter “50.”
11. Click **Manual** in the L **Paper Source** list.
12. Click the **Layout** tab to display the **Layout** sheet.



13. Select the G **Print Centered** check box.
14. Confirm the print settings and print as desired.

Note

- For instructions on confirming print settings, see “Confirming Print Settings (Windows)”. (→P.384)

Important

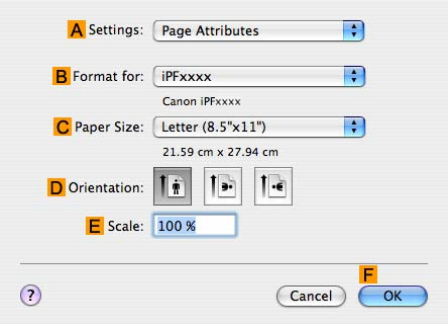
- If you have selected **Manual** as the paper source but have not loaded the paper yet, follow the instructions on the printer control panel to complete the size setting before loading the paper.

Printing Originals Centered on Sheets (Mac OS X)

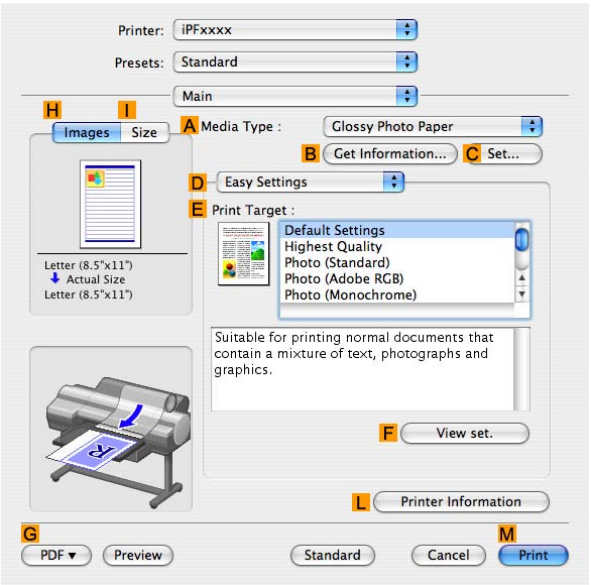
This topic describes how to center originals for printing on sheets, based on the following example.

- Document: Any type
- Page size: A4/Letter
- Paper: Sheets
- Paper type: Plain Paper
- Paper size: Non-standard

1. Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.

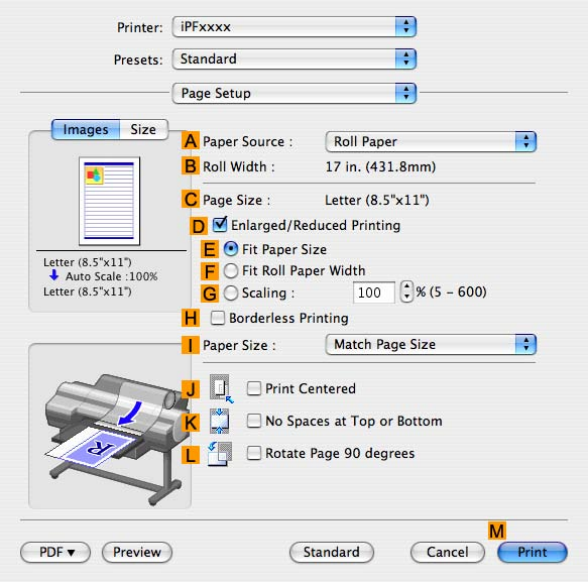


2. In the C **Paper Size** list, click the size of the original. In this case, click **ISO A4**.
3. Click F **OK** to close the dialog box.
4. In the application software menu, choose **Print**.
5. Access the **Main** pane.

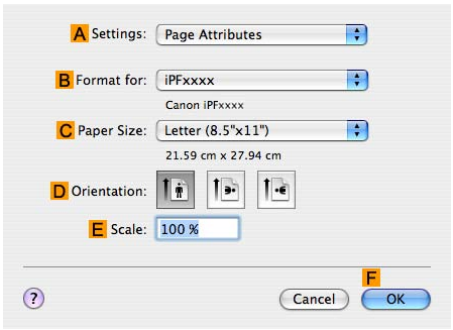


6. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
7. Select the printing application in the E **Print Target** list.

8. Access the **Page Setup** pane.



9. Click **Manual** in the A **Paper Source** list.
10. Make sure C **Page Size** shows the original size as specified in C **Paper Size** in the **Page Attributes** dialog box-in this case, **ISO A4**.



11. Select the J **Print Centered** check box.
12. Confirm the print settings, and then click M **Print** to start printing.

Note

- For tips on confirming print settings, see “Confirming Print Settings (Mac OS X)”. (→P.436)

Important

- If you have selected **Manual** as the paper source but have not loaded the paper yet, follow the instructions on the printer control panel to complete the size setting before loading the paper.

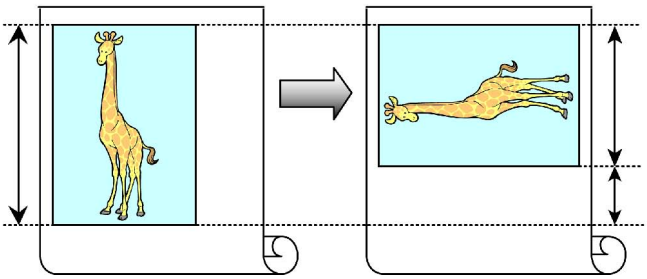
Conserving roll paper

Conserving Roll Paper by Rotating Originals 90 Degrees

You can conserve roll paper by specifying particular settings as suitable for your original.

Rotate Page 90 degrees (Conserve Paper)

When originals are printed in portrait orientation, the original is rotated 90 degrees before printing if it fits within the roll width. This enables you to conserve paper.



Important

- If the page would exceed the roll paper width after rotation, use this function with Scale to fit Roll Paper Width to print rotated pages.

For tips on conserving roll paper, refer to the following topics, as appropriate for your computer and operating system.

- Conserving Roll Paper by Rotating Originals 90 Degrees (Windows) (→P.334)
- Conserving Roll Paper by Rotating Originals 90 Degrees (Mac OS X) (→P.336)

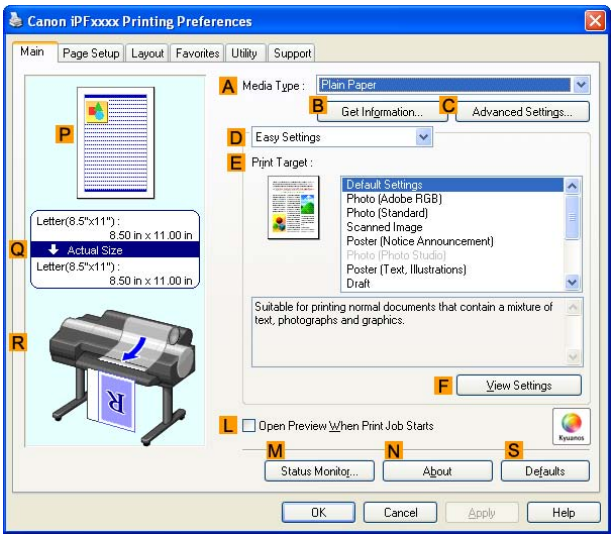
Conserving Roll Paper by Rotating Originals 90 Degrees (Windows)

This topic describes how to conserve paper by rotating originals 90 degrees before printing, based on the following example.

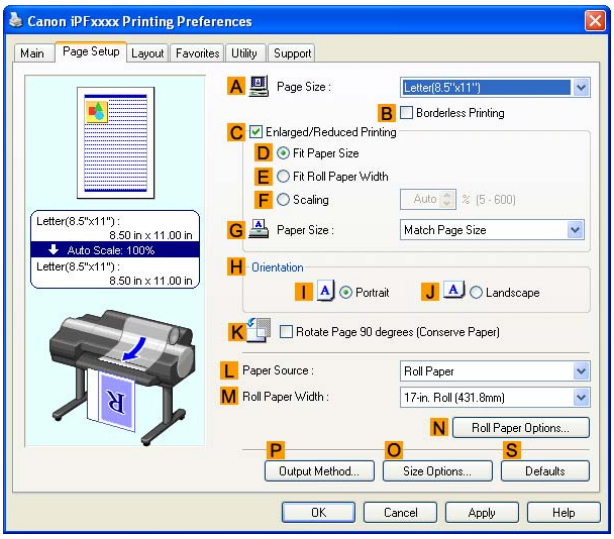
- Document: Any type
- Page size: A4 (210.0×297.0 mm)/Letter (8.3×11.7 in)
- Paper: Roll
- Paper type: Plain Paper
- Roll paper width: A3/A4 roll (297.0 mm [11.7 in])

This example illustrates how to rotate an A4 (210.0×297.0 mm)/Letter (8.3×11.7 in) original in portrait orientation 90 degrees to fit within the width of A3/A4 roll paper (297.0 mm [11.7 in]), which enables you to conserve paper.

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then open the printer driver dialog box. (→P.390)
3. Make sure the **Main** sheet is displayed.



4. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
5. Click the **Page Setup** tab to display the **Page Setup** sheet.



6. In the A **Page Size** list, click the size of the original as specified in the application. In this case, click **ISO A4** or **Letter (8.5"x11")**.
7. Click **Roll Paper** in the L **Paper Source** list.
8. Select the width of the loaded roll in the M **Roll Paper Width** list-in this case, **ISO A3/A4 Roll (297.0mm)**.
9. Select the K **Rotate Page 90 degrees (Conserve Paper)** check box.
10. Confirm the print settings and print as desired.

Note

- For tips on confirming print settings, see “Confirming Print Settings (Windows)”. (→P.384)

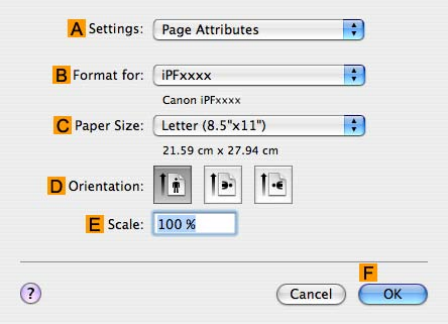
Conserving Roll Paper by Rotating Originals 90 Degrees (Mac OS X)

This topic describes how to conserve roll paper by rotating originals 90 degrees before printing, based on the following example.

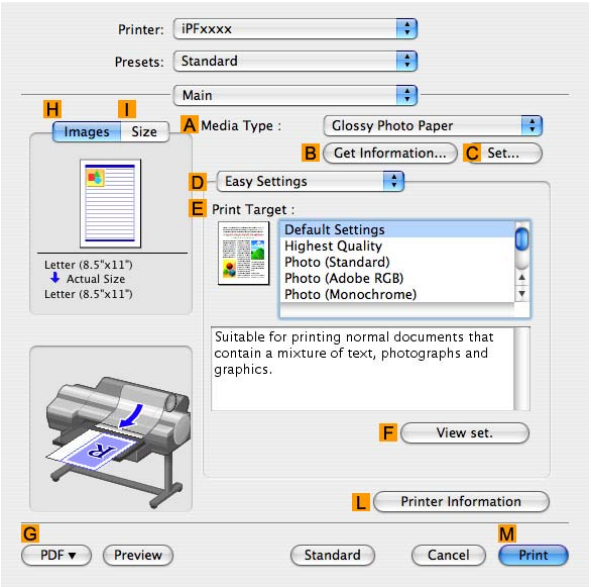
- Document: Any type
- Page Size: A4 (210.0×297.0 mm)/Letter (8.3 × 11.7 in)
- Paper: Roll
- Paper type: Plain Paper
- Roll paper width: A3/A4 roll (297.0 mm [11.7 in])

This example illustrates how to rotate an A4 (210.0×297.0 mm)/Letter (8.3 × 11.7 in) original in portrait orientation 90 degrees to fit within the width of A3/A4 roll (297.0 mm [11.7 in]), which enables you to conserve paper.

1. Choose **Page Setup** in the application menu to display the **Page Attributes** dialog box.

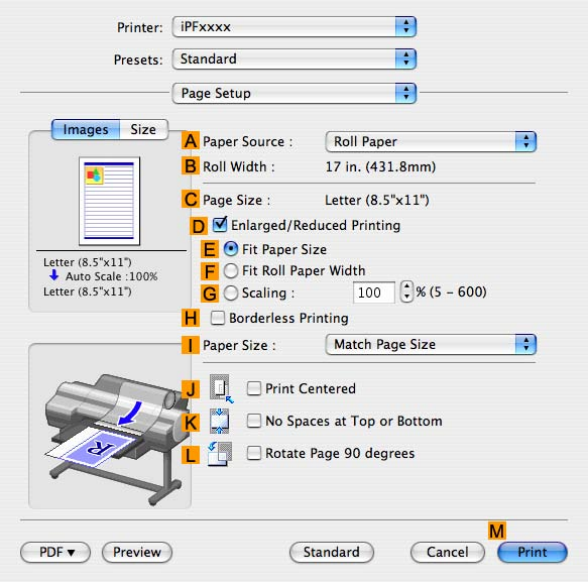


2. Select the printer in the B **Format for** list.
3. In the C **Paper Size** list, click the size of the original. In this case, click **ISO A4**.
4. Click F **OK** to close the dialog box.
5. Choose **Print** in the application menu.
6. Access the **Main** pane.



7. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.

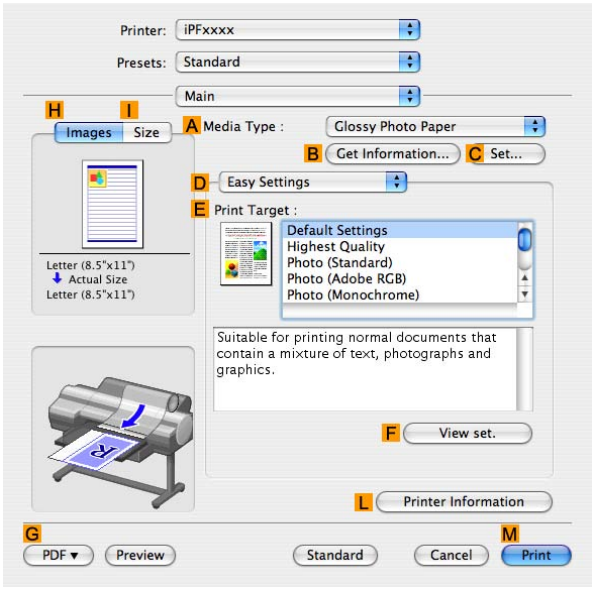
8. Access the **Page Setup** pane.



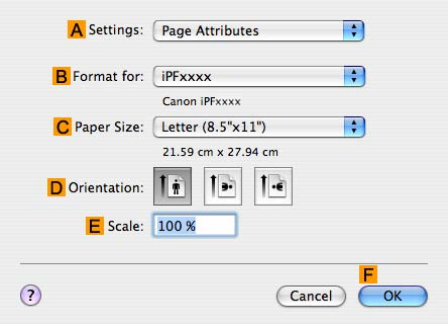
9. Click **Roll Paper** in the A **Paper Source** list.
10. Make sure the width of the loaded roll is displayed in B **Roll Paper Width** -in this case, **ISO A3/A4 (297.0mm)**.

Note

- If the width of the loaded roll is not displayed in B **Roll Paper Width**, click L **Printer Information** on the **Main** pane and update the printer information.



11. Make sure the C **Page Size** setting matches the original size as selected in C **Paper Size** in the **Page Attributes** dialog box-in this case, **ISO A4**.



12. Select the L **Rotate Page 90 degrees** check box.

13. Confirm the print settings, and then click M **Print** to start printing.

Note

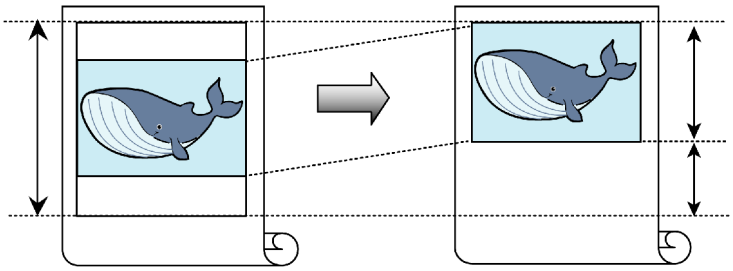
- For tips on confirming print settings, see “Confirming Print Settings (Mac OS X)”. (→P.436)

Conserving Roll Paper by Printing Originals Without Top and Bottom Margins

You can conserve roll paper by specifying particular settings as suitable for your original.

No Spaces at Top or Bottom (Conserve Paper)

You can print without feeding the paper for blank portions of originals if there are top and bottom margins in originals. This enables you to conserve as much paper as the size of the margins.



Important

- Printing without the top and bottom margins is not supported in the following cases.
  - Banner printing
  - If you have chosen poster as the type of page layout

Note

- Even during borderless printing, you can print without the top and bottom margins.
- Printing without the top and bottom margins may cause inconsistency in the size of printed documents, depending on the layout of images or text in your originals.

For tips on conserving roll paper, refer to the following topics, as appropriate for your computer and operating system.

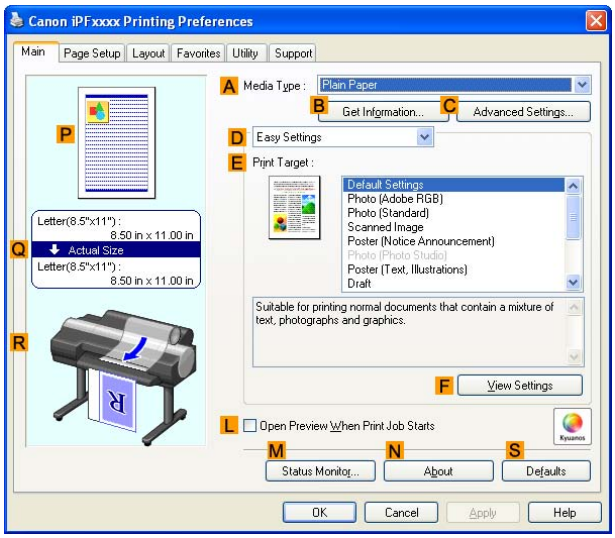
- Conserving Roll Paper by Printing Originals Without Top and Bottom Margins (Windows) (→P.340)
- Conserving Roll Paper by Printing Originals Without Top and Bottom Margins (Mac OS X) (→P.342)

Conserving Roll Paper by Printing Originals Without Top and Bottom Margins (Windows)

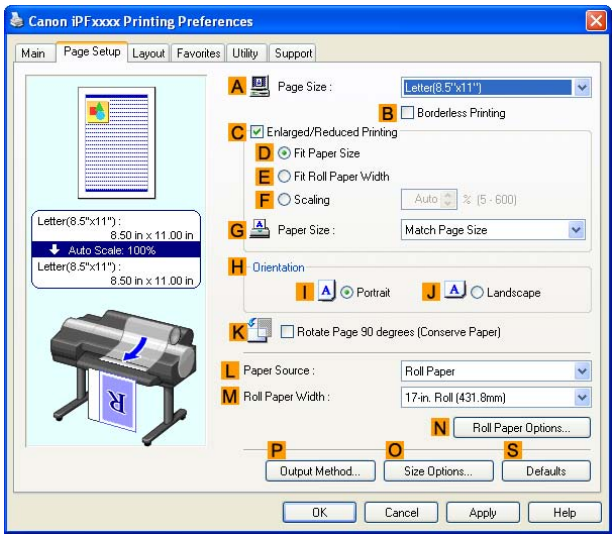
This topic describes how to conserve roll paper when printing originals that have a top and bottom margin, based on the following example.

- Document: Any type
- Page size: A4 (210.0×297.0mm)/Letter (8.3 × 11.7 in)
- Paper: Roll
- Paper type: Plain Paper
- Roll paper width: A3/A4 roll (297.0 mm [11.7 in])

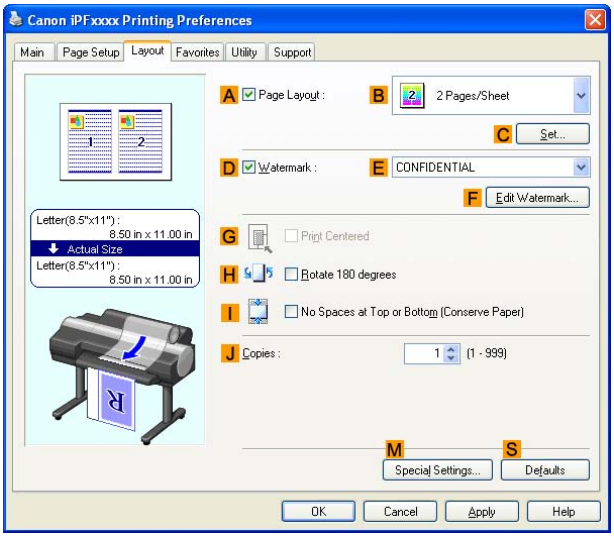
1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
3. Make sure the **Main** sheet is displayed.



4. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
5. Click the **Page Setup** tab to display the **Page Setup** sheet.



6. In the A **Page Size** list, click the size of the original as specified in the application. In this case, click **ISO A4** or **Letter (8.5"x11")**.
7. Click **Roll Paper** in the L **Paper Source** list.
8. Select the width of the loaded roll in the M **Roll Paper Width** list-in this case, **ISO A3/A4 Roll (297.0mm)**.
9. Click the **Layout** tab to display the **Layout** sheet.



10. Select the I **No Spaces at Top or Bottom (Conserve Paper)** check box.
11. Confirm the print settings and print as desired.

Note

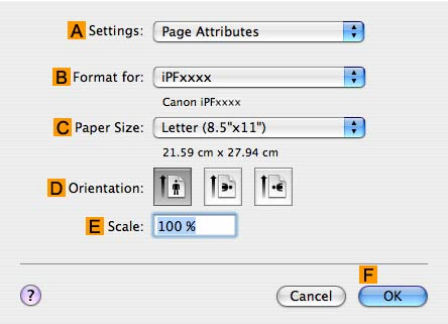
- For tips on confirming print settings, see “Confirming Print Settings (Windows)”. (→P.384)

Conserving Roll Paper by Printing Originals Without Top and Bottom Margins (Mac OS X)

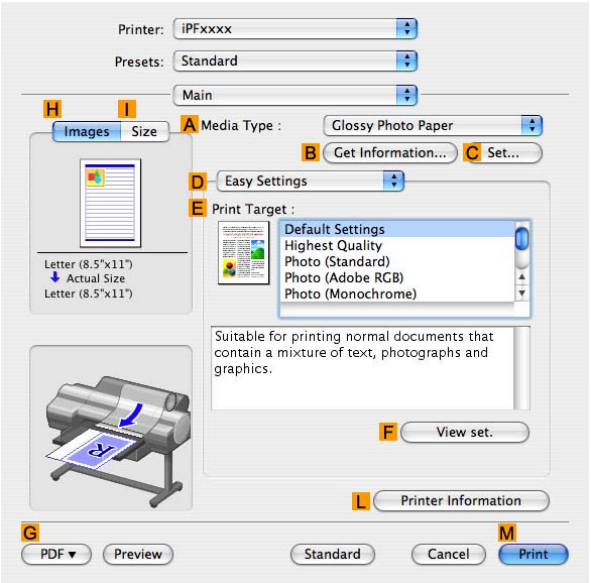
This topic describes how to conserve roll paper when printing originals that have a top and bottom margin, based on the following example.

- Document: Any type
- Page size: A4 (210.0×297.0 mm)/Letter (8.3 × 11.7 in)
- Paper: Roll
- Paper type: Plain Paper
- Roll paper width: A3/A4 roll (297.0 mm [11.7 in])

1. Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.

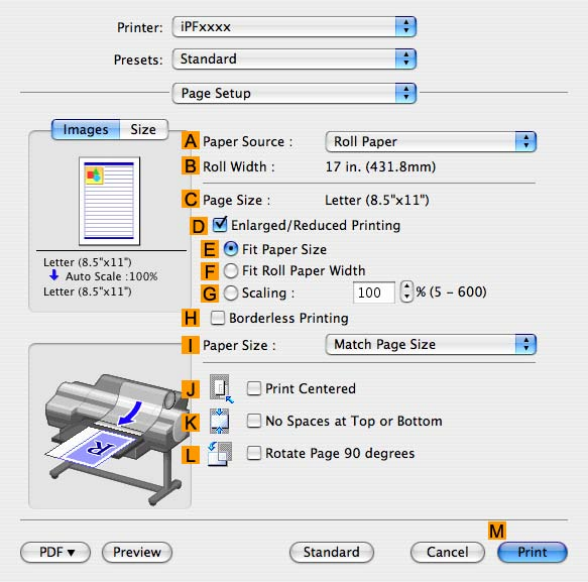


2. Select the print target in the B **Format for** list.
3. In C **Paper Size**, click the size of the original. In this case, click **ISO A4**.
4. Click F **OK** to close the dialog box.
5. Choose **Print** in the application menu.
6. Access the **Main** pane.



7. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.

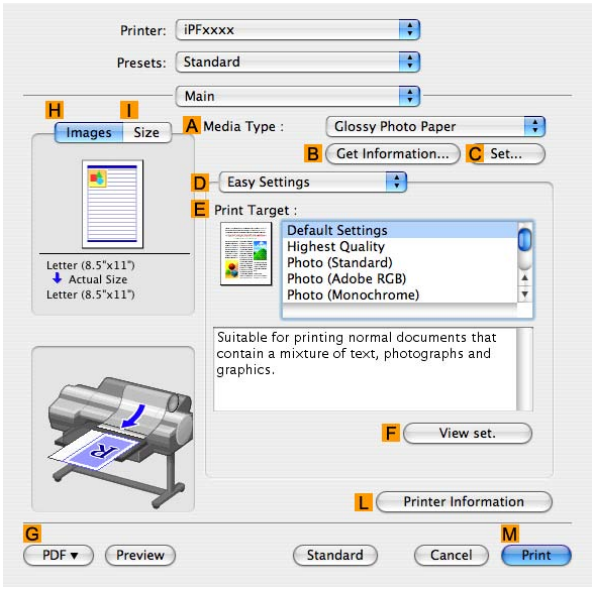
8. Access the **Page Setup** pane.



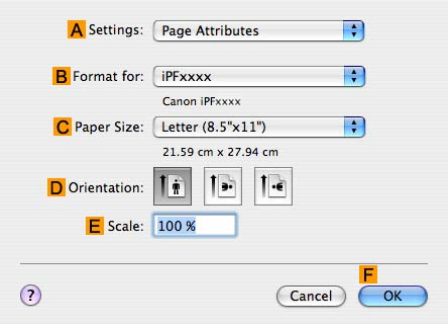
9. Click **Roll Paper** in the A **Paper Source** list.
10. Make sure the width of the loaded roll is displayed in B **Roll Paper Width** -in this case, **ISO A3/A4 (297.0mm)**.

Note

- If the width of the loaded roll is not displayed in B **Roll Paper Width**, click L **Printer Information** on the **Main** pane and update the printer information.



11. Make sure the C **Page Size** setting matches the original size as selected in C **Paper Size** in the **Page Attributes** dialog box-in this case, **ISO A4**.



12. Select the K **No Spaces at Top or Bottom** check box.

13. Confirm the print settings, and click M **Print** to start printing.

Note

- For tips on confirming print settings, see “Confirming Print Settings (Mac OS X)”. (→P.436)

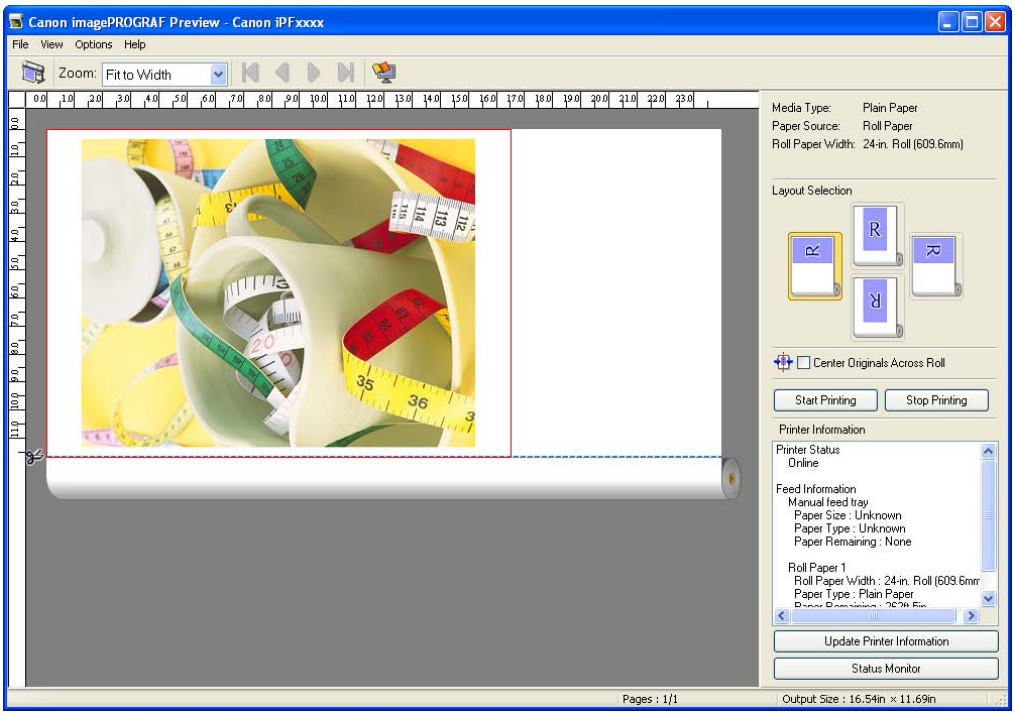
Checking Images Before Printing

Checking the Layout in a Preview Before Printing

You can check the print layout on the preview screen.

Open Preview When Print Job Starts (Windows)

While viewing the preview screen, you can also adjust orientation or other settings, and your changes will be instantly applied on the preview screen.

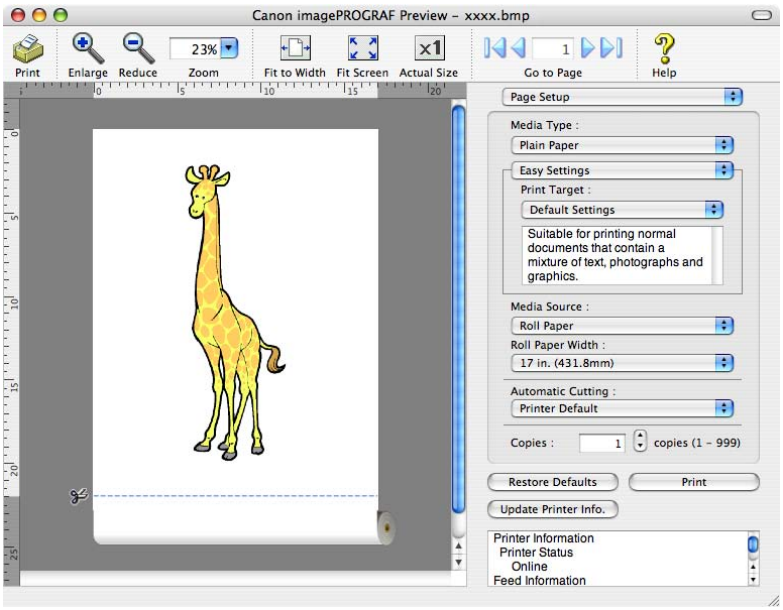


Note

- Under some settings and in some environments, PageComposer may be started.

Preview (Macintosh)

While viewing the preview screen, you can also adjust layout or size settings, and your changes will be instantly applied on the preview screen.



Important

- The driver must be installed from the User Software CD-ROM to use this function.

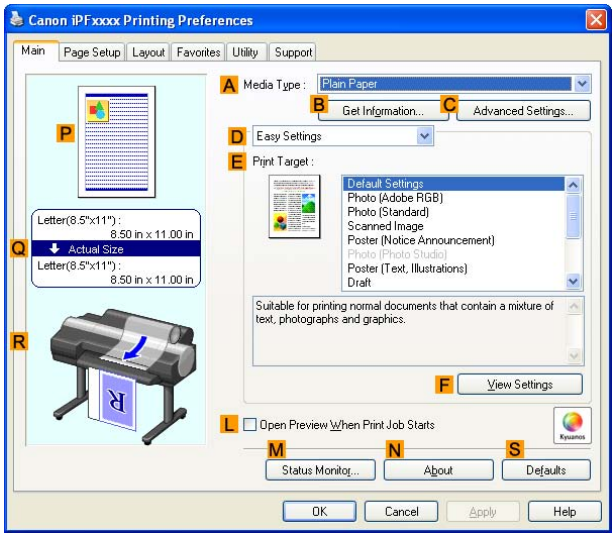
For instructions on how to check the layout before printing, refer to the following topics:

- Checking the Layout in a Preview Before Printing (Windows) (→P.347)
- Checking the Layout in a Preview Before Printing (Mac OS X) (→P.349)

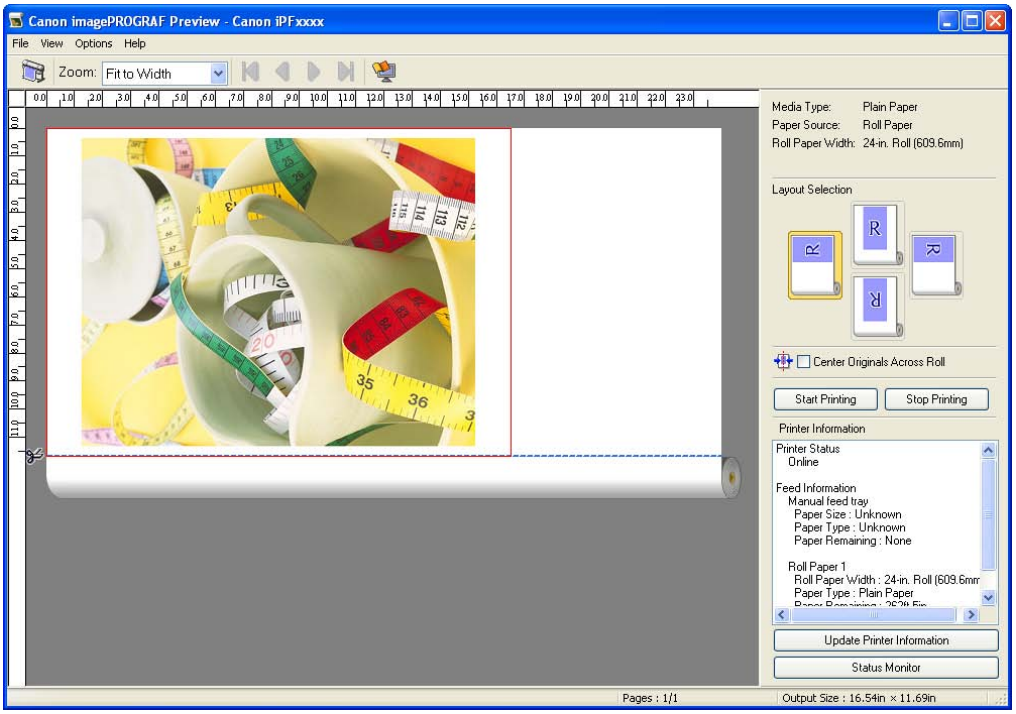
Checking the Layout in a Preview Before Printing (Windows)

This topic describes how to preview images of print jobs before actually printing them.

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
3. Make sure the **Main** sheet is displayed.



4. Select the L **Open Preview When Print Job Starts** check box.
5. After you click **OK**, when you print a job, the **imagePROGRAF Preview** window will be displayed.



Note

- If PageComposer is running, access the **Special Settings** dialog box from the **Layout** sheet and clear **Enable Preview Switching**.

6. On the main window, you can check the layout and change settings as needed.
7. To print, click **Start Printing** in the **File** menu.

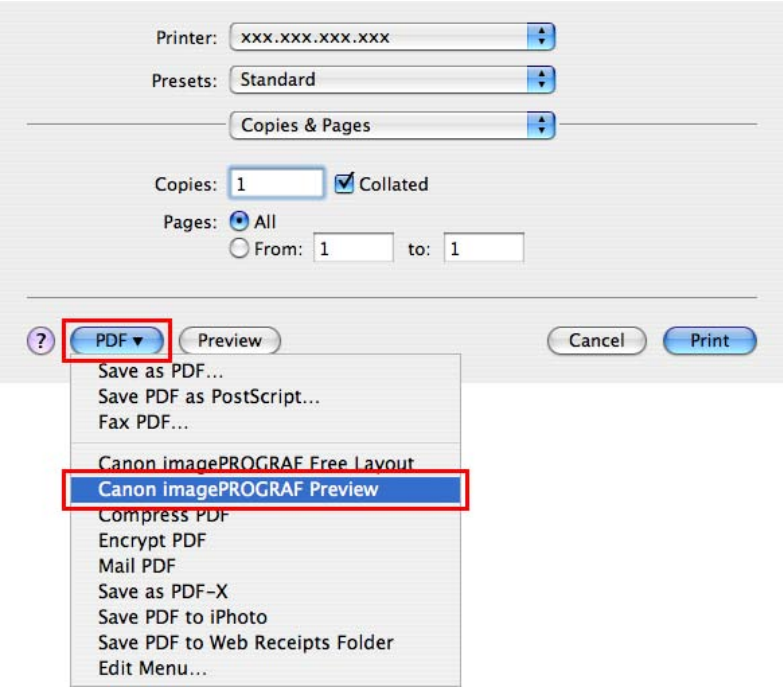

Note

- For details on **imagePROGRAF Preview** functions, see Preview .

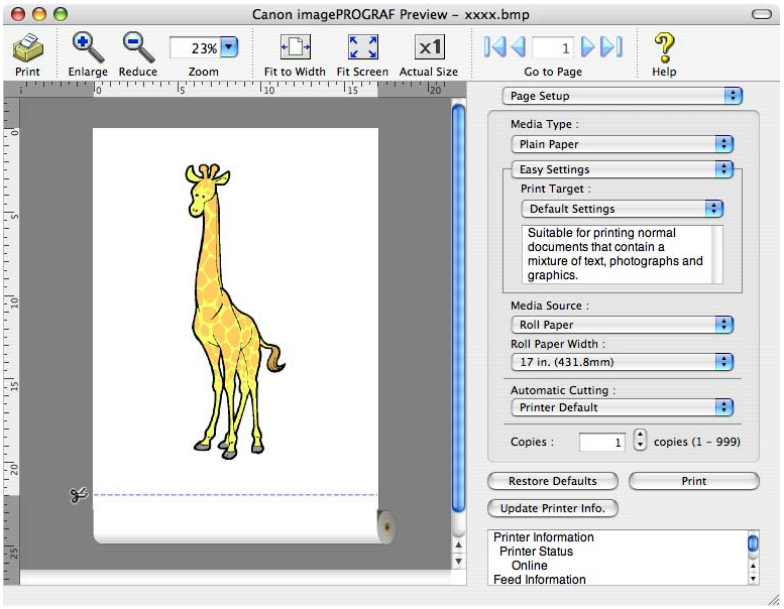
Checking the Layout in a Preview Before Printing (Mac OS X)

This topic describes how to check the layout before printing using the **Preview** function.

1. Choose **Print** in the application menu.
2. Click **PDF** and select **Canon imagePROGRAF Preview**.



3. The **Canon imagePROGRAF Preview** window is displayed.



4. Check the layout and adjust settings in the **Canon imagePROGRAF Preview** window as desired.
5. Print from the **Canon imagePROGRAF Preview** menu.

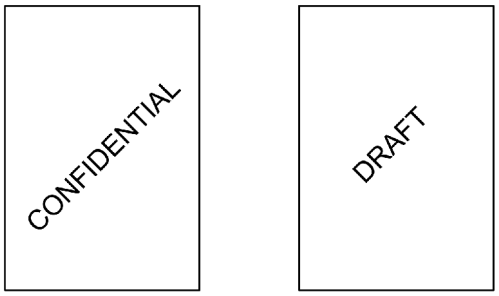
Note

- For details on **imagePROGRAF Preview** functions, refer to imagePROGRAF Preview Guide .

Other useful settings

Printing With Watermarks

You can add watermarks (background images) to documents that require special handling.



Watermark

Watermarks are applied to all pages of your document.

Important

- Watermarks are not printed if you select poster as the type of page layout.

The following watermarks are provided:

- CONFIDENTIAL
- COPY
- DRAFT
- FILE COPY
- FINAL
- PRELIMINARY
- PROOF
- TOP SECRET

You can also create your own watermarks. Specify the following options to customize your watermark.

- Watermark string: Specify the font, size, color, and so on. Surround the watermark with a frame, if desired.
- Watermark position: Specify the position on the page, the angle, and so on.
- Watermark printing method: Specify whether to print the watermark superimposed or under the document image. You can also print the watermark only on the first page, if desired.

Note

- Watermarks are supported in Windows.
- In addition to the provided watermarks, you can create up to 50 original watermarks in Windows.

For detailed instructions on printing with watermarks, refer to the following topics:

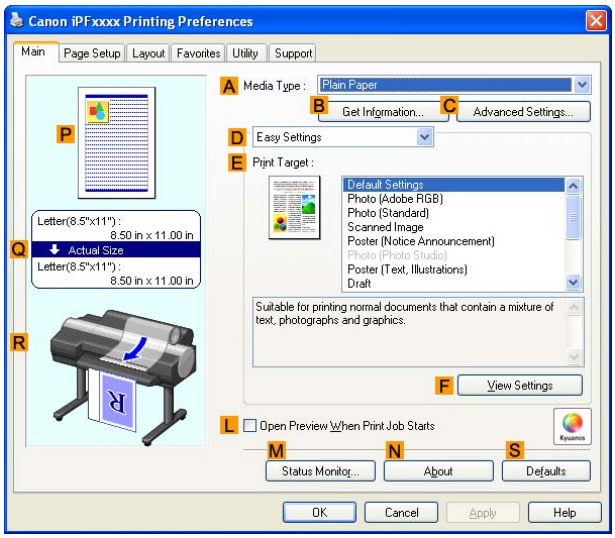
- Printing with Watermarks-COPY, FILE COPY, and so on (Windows) (→P.351)

Printing with Watermarks-COPY, FILE COPY, and so on (Windows)

This topic describes how to print office documents with a watermark (in this case, “FILE COPY”) based on the following example.

- Document: CAD drawing
- Page size: A2 (420.0 × 594.0 mm [16.5 × 23.4 in])
- Paper: Roll
- Paper type: Plain Paper
- Roll paper width: A2/A3 roll (420.0 mm [16.5 in])

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then open the printer driver dialog box. (→P.390)
3. Make sure the **Main** sheet is displayed.

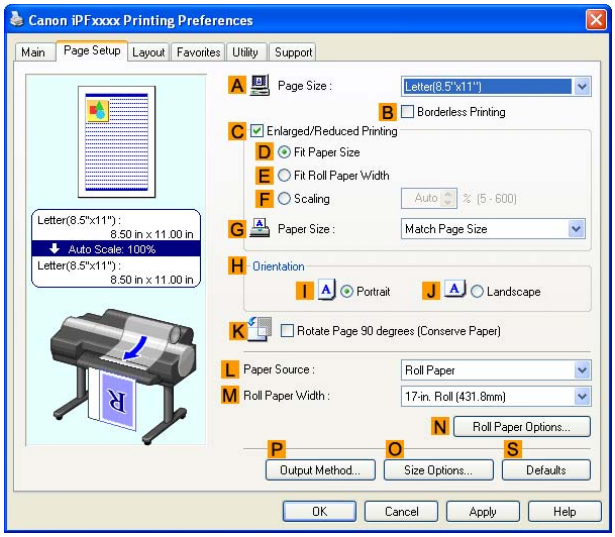


4. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
5. After confirming that D **Easy Settings** is selected, click **CAD (Line Drawing)** in the E **Print Target** list.

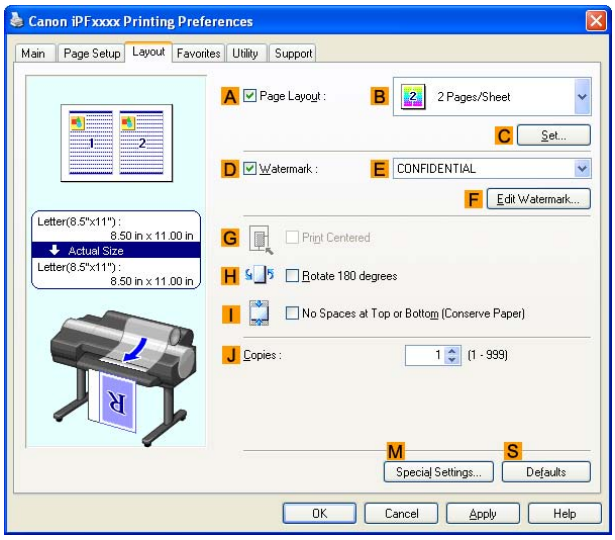
Note

- You can check the settings values selected in the E **Print Target** list by clicking F **View Settings**.

6. Click the **Page Setup** tab to display the **Page Setup** sheet.



7. In A **Page Size**, click the size of the original as specified in the application software. In this case, click **ISO A4** or **Letter (8.5"x11")**.
8. Click **Roll Paper** in the L **Paper Source** list.
9. Select the width of the loaded roll in the M **Roll Paper Width** list-in this case, **ISO A2/A3 Roll (420.0mm)**.
10. Click the **Layout** tab to display the **Layout** sheet.



11. Select the D **Watermark** check box.
12. Click **FILE COPY** in the E **Watermarks** list.

Note

- To create your own, original watermark, click F **Edit Watermark**. Refer to the printer driver help for instructions on modifying watermarks to create your own.

13. Confirm the print settings and print as desired.

Note

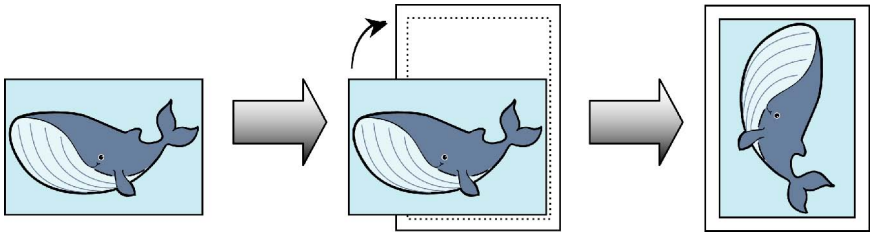
- For tips on confirming print settings, see “Confirming Print Settings (Windows)”. (→P.384)

Making the Original Orientation Match the Paper Orientation

You can specify the original orientation to match the orientation of the paper for printing.

Orientation

Paper is usually loaded in the printer in portrait orientation. When you have an original in landscape orientation, you can specify the printing orientation so that the original is printed in landscape orientation.



Rotate 180 degrees

The original is rotated 180 degrees to print it upside down.

Mirror

A mirror image of the original is printed.

For instructions on specifying the original orientation before printing, refer to the following topics, as appropriate for your computer and operating system.

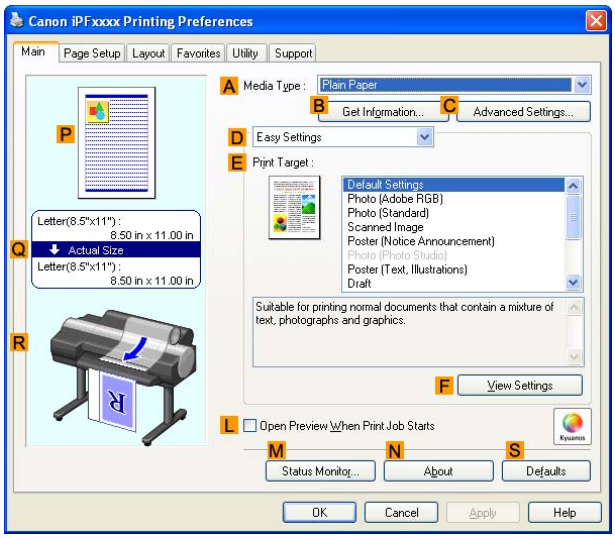
- Making the Original Orientation Match the Paper Orientation (Windows) (→P.354)
- Making the Original Orientation Match the Paper Orientation (Mac OS X) (→P.356)

Making the Original Orientation Match the Paper Orientation (Windows)

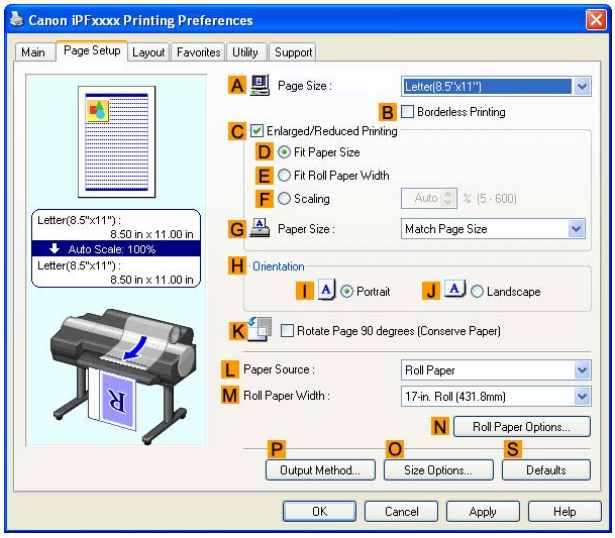
This topic describes how to print an original in landscape orientation after matching the paper orientation, based on the following example.

- Document: An original in landscape orientation
- Page size: A4 (210.0 × 297.0 mm)/Letter (8.3 × 11.7 in)
- Paper: Roll
- Paper type: Plain Paper
- Roll paper width: A2/A3 roll (420.0 mm [16.5 in])

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then open the printer driver dialog box. (→P.390)
3. Make sure the **Main** sheet is displayed.



4. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
5. Select the printing application in the E **Print Target** list.
6. Click the **Page Setup** tab to display the **Page Setup** sheet.



7. In the A **Page Size** list, click the size of the original as specified in the application. In this case, click **ISO A4** or **Letter (8.5"x11")**.
8. In H **Orientation**, click J **Landscape**.
9. Click **Roll Paper** in the L **Paper Source** list.
10. Select the width of the loaded roll in the M **Roll Paper Width** list-in this case, **ISO A2/A3 Roll (420.0mm)**.
11. Confirm the print settings and print as desired.

Note

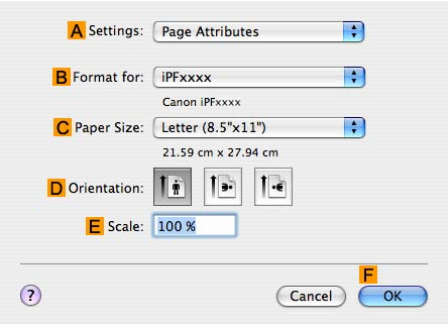
- For tips on confirming print settings, see “Confirming Print Settings (Windows)”. (→P.384)

Making the Original Orientation Match the Paper Orientation (Mac OS X)

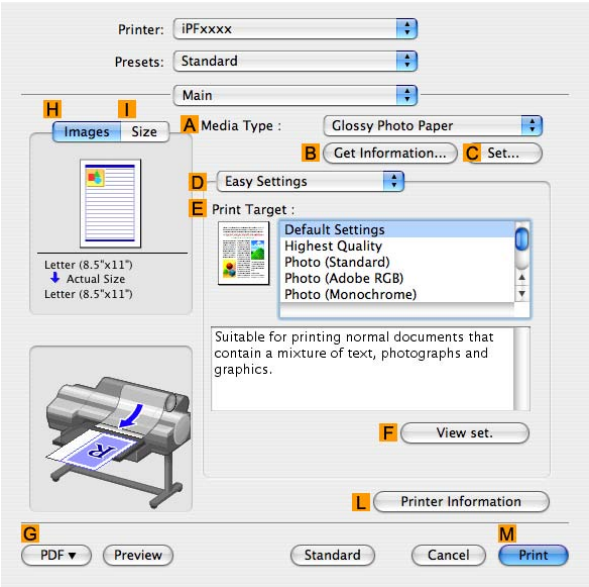
This topic describes how to print an original in landscape orientation after matching the paper orientation, based on the following example.

- Document: An original in landscape orientation
- Page size: A4 (210.0 × 297.0 mm)/Letter (8.3 × 11.7 in)
- Paper: Roll
- Paper type: Plain Paper
- Roll paper width: A2/A3 roll (420.0 mm [16.5 in])

1. Choose **Page Setup** in the application menu to display the **Page Attributes** dialog box.

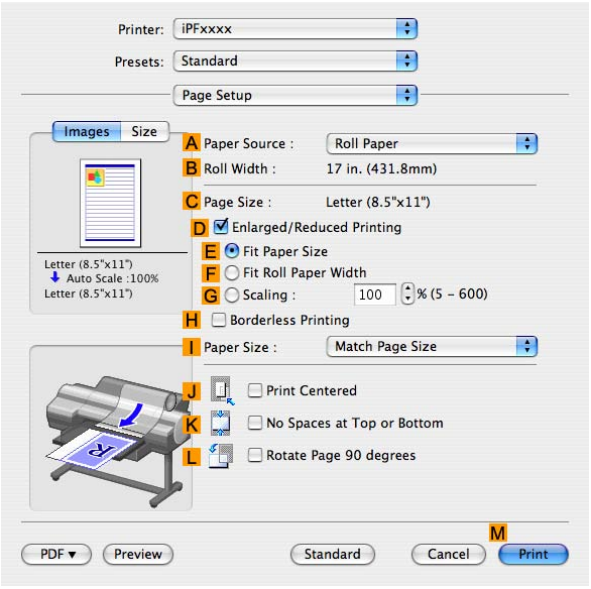


2. Select the printer in the B **Format for** list.
3. In the C **Paper Size**, click the size of the original. In this case, click **ISO A4**.
4. In D **Orientation**, click the icon of the document in landscape orientation.
5. Click F **OK** to close the dialog box.
6. Choose **Print** in the application menu.
7. Access the **Main** pane.



8. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Plain Paper.
9. Select the printing application in the E **Print Target** list.

10. Access the **Page Setup** pane.

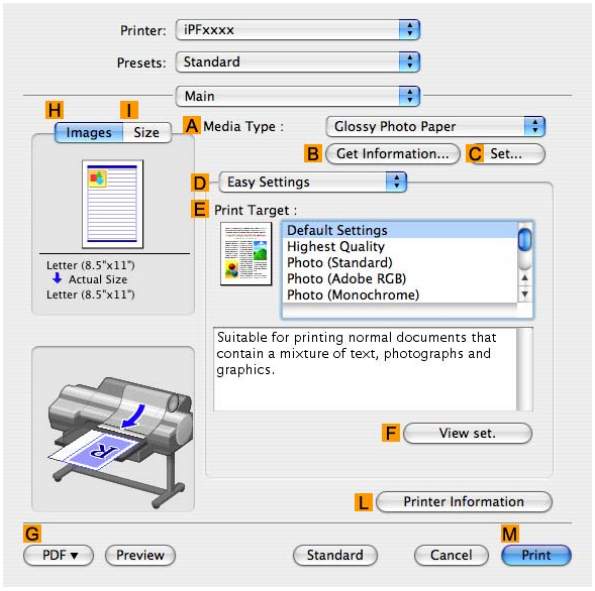


11. Click **Roll Paper** in the **A Paper Source** list.

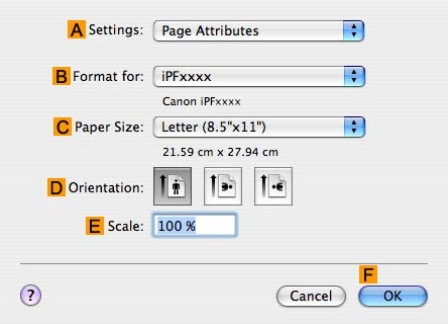
12. Make sure the width of the loaded roll is displayed in the **B Roll Paper Width** list-in this case, **ISO A2/A3 (420.0mm)**.

Note

- If the width of the loaded roll is not displayed in **B Roll Paper Width**, click **L Printer Information** on the **Main** pane and update the printer information.



13. Make sure the C **Page Size** setting matches the original size as selected in C **Paper Size** in the **Page Attributes** dialog box-in this case, **ISO A4**.



14. Confirm the print settings, and then click M **Print** to start printing.

Note

- For tips on confirming print settings, see “Confirming Print Settings (Mac OS X)”. (→P.436)

Using Favorites

You can register print settings as **Favorites** to reuse settings from a particular job that met your expectations, or settings for a particular page size that you will use repeatedly.

Favorites

Registering a favorite for later use. You can choose the settings you have registered from a list before printing, and you can check the settings details.

Note

- You can also save the favorite settings as files. Using these files is a convenient way to print under the same conditions on another computer. (In Windows.)

For instructions on using favorites to print, refer to the following topics, as appropriate for your computer and operating system.

- Using Favorites (Windows) (→P.360)
- Using Favorites (Mac OS X) (→P.362)

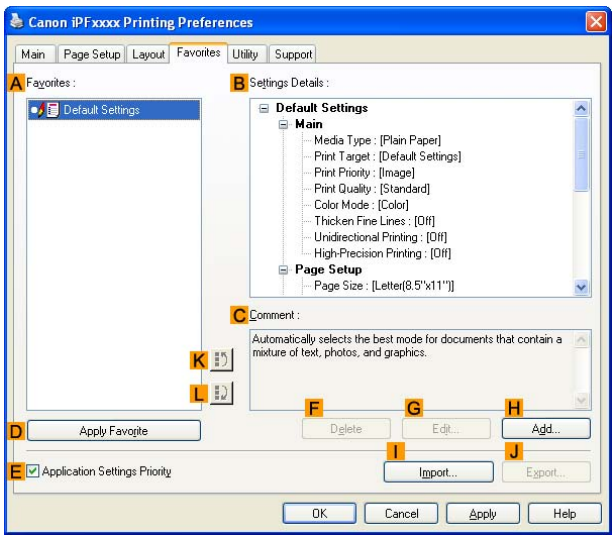
Using Favorites (Windows)

This topic describes how to register favorites and print using favorite settings.

Registering a favorite

Follow the steps below to save the current print settings as a favorite.

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
3. Complete the print settings.
4. Click the **Favorites** tab to display the **Favorites** sheet.



5. Click H **Add** to display the **Add** dialog box.
6. Complete the following settings in the **Add** dialog box.
   - Enter a desired name in **Name**, such as “Photos for Presentations” or “Monthly Report.”
   - Choose a fitting icon for these print settings in the **Icon** list.
   - In **Comment**, enter a description of the favorite to be added, as desired.
7. Click **OK** to close the **Add** dialog box.

   The favorite you have added is now displayed in A **Favorites**.

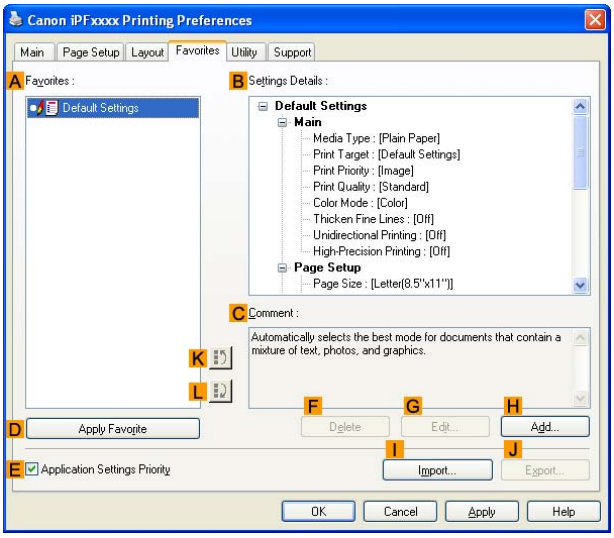
Note

- To save a favorite as a file, click J **Export** and specify the file to save.

Printing using the favorite

Follow the steps below to print using the favorite you have registered.

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
3. Click the **Favorites** tab to display the **Favorites** sheet.



4. In the A **Favorites**, choose the favorite you registered.

Note

- To import a favorite, click I **Import** and specify the favorite file.

5. Click D **Apply Favorite** to replace the favorite settings with the current print settings.
6. Confirm the print settings and print as desired.

Note

- For instructions on confirming print settings, see “Confirming Print Settings (Windows)”. (→P.384)

Using Favorites (Mac OS X)

You can use the **Presets** function in Mac OS X for favorite-based printing.


Note

- In the printing dialog box, click **Save As** in the **Presets** list to save the current print settings. This is a standard feature of the operating system. For details, refer to the Mac OS documentation.

Cutting Roll Paper After Printing

Roll paper can be automatically cut after printing.

Note

- It may not be possible to cut certain types of paper, such as adhesive paper. For details on types of paper that cannot be used with the auto cut feature, see the Paper Reference Guide. (→P.104)

Automatic Cutting

Roll paper is cut automatically after printing. If you prefer, you can print continuously without cutting the roll, or you can print a cut line.
For instructions on cutting roll paper after printing, refer to the following topics, as appropriate for your computer and operating system.

- Cutting Roll Paper After Printing (Windows) (→P.364)
- Cutting Roll Paper After Printing (Mac OS X) (→P.365)

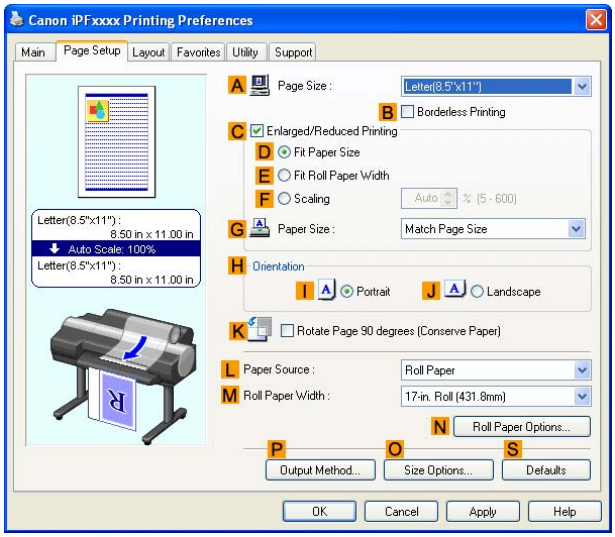
Cutting Roll Paper After Printing (Windows)

This topic describes how to cut roll paper automatically after printing (using the auto cut function), as well as how to print a cut line for manual cutting.

Note

- The auto cut function is activated on the printer by default and when the printer driver is installed. Follow the steps below to reactivate the function if it is disabled, or to select the setting for printing a cut line instead.

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
3. Click the **Page Setup** tab to display the **Page Setup** sheet.



4. Click **Roll Paper** in the L **Paper Source** list.
5. Click N **Roll Paper Options** to display the **Roll Paper Options** dialog box.



6. To enable automatic cutting, click **Yes** in the A **Automatic Cutting** list. If you prefer to cut the paper later yourself, click **Print Cut Guideline**.
7. Click **OK** to close the **Roll Paper Options** dialog box.
8. Confirm the print settings and print as desired.

Note

- For tips on confirming print settings, see “Confirming Print Settings (Windows)”. (→P.384)

Roll paper will be automatically cut after printing.

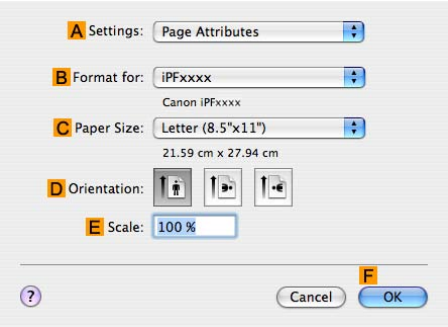
Cutting Roll Paper After Printing (Mac OS X)

This topic describes how to cut roll paper automatically (using the auto cut function) after printing, as well as how to print a cut line to cut the paper manually.

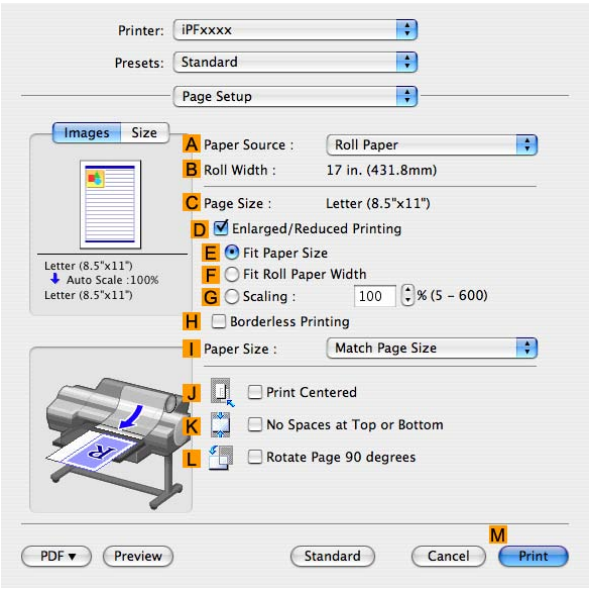
Note

- The auto cut function is activated on the printer by factory default and when the printer driver is installed. Follow the steps below to reactivate the function once disabled, or select the setting for printing a cut guideline instead.

1. Choose **Page Setup** in the application menu to display the **Page Attributes** dialog box.

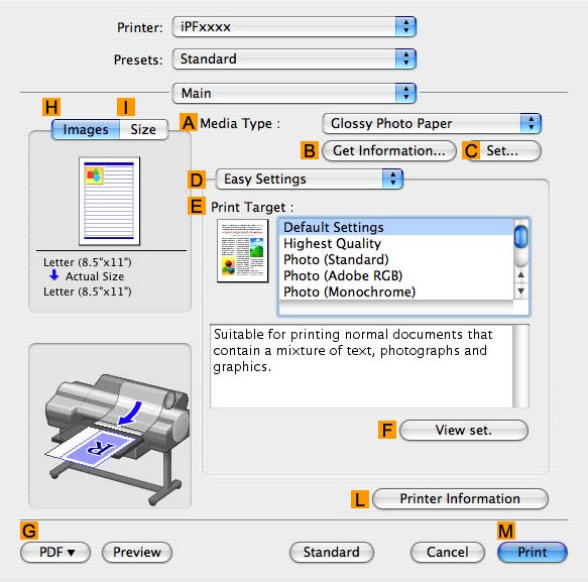


2. Select the printer in the **B Format for** list.
3. Choose the original size in the **C Paper Size** list.
4. Click **F OK** to close the dialog box.
5. Choose **Print** in the application menu.
6. Access the **Page Setup** pane.

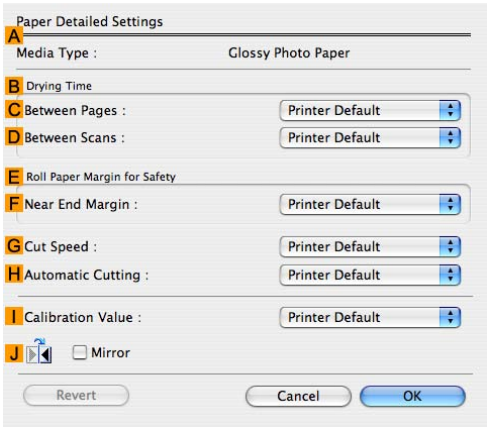


7. Click **Roll Paper** in the **A Paper Source** list.

8. Access the **Main** pane.



9. In the A **Media Type** list, select the type of paper that is loaded.
10. Click C **Set** to display the **Paper Detailed Settings**dialog box.



11. To enable automatic cutting, click **Printer Default** in the H **Automatic Cutting** list. If you prefer to cut the paper later yourself, click **Print Cut Guideline**.

Important

- If the automatic cut function has been deactivated on the printer, change the auto cut setting on the printer Control Panel.

12. Click **OK** to close the **Paper Detailed Settings** dialog box.
13. Confirm the print settings, and click M **Print** to start printing.

Note

- For tips on confirming print settings, see “Confirming Print Settings (Mac OS X)”. (→P.436)

Printing in Ideal Colors for Light in the Viewing Environment

You can print in the colors that look best when viewed under the light where the printed image will be displayed. There are two ways to adjust the color tone for the ambient light, as follows.

By selecting color tones on Charts before printing

On the printed **Chart**, note the number of the set of colors with the desired color tone and enter this number in the printer driver before printing.

Important

- This function requires that the **Light Source Check Tool** be installed.
- You can install the **Light Source Check Tool** from the User Software CD-ROM.
- This function is only supported in Windows and Mac OS X 10.4 or later.
- The colors in this function may differ slightly depending on the system software used (Windows 32/64 bit or Macintosh).

For instructions on selecting color tones on **Charts** before printing, refer to the following topic:

- Selecting Color Tones on Charts Before Printing (Windows) (→P.368)
- Selecting Color Tones on Charts Before Printing (Mac OS X) (→P.596)

Printing in Colors Matching the Measured Ambient Light

Measure the light level in the viewing environment and enter the results in the printer driver before printing.

Important

- This function requires the i1 spectrophotometer. The Light Source Measure Tool must also be installed.
- You can install the Light Source Measure Tool from the User Software CD-ROM.
- For a list of supported i1 devices, refer to the manual provided with the Light Source Measure Tool.
- This function is only supported in Windows and Mac OS X 10.4 or later.
- The colors in this function may differ slightly depending on the system software used (Windows 32/64 bit or Macintosh).

For instructions on measuring light levels before printing, refer to the following topic:

- Printing in Colors Matching the Measured Ambient Light (Windows) (→P.372)
- Printing in Colors Matching the Measured Ambient Light (Mac OS X) (→P.603)

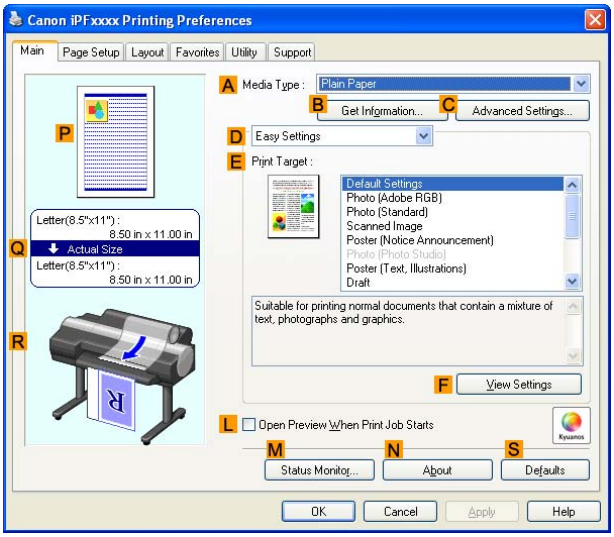
Selecting Color Tones on Charts Before Printing (Windows)

Print **Charts**, note the number of the chart with your desired color tone, and enter this number in the printer driver before printing.

Important

- This function requires that the **Light Source Check Tool** be installed.
- You can install the **Light Source Check Tool** from the User Software CD-ROM.

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
3. Make sure the **Main** sheet is displayed.

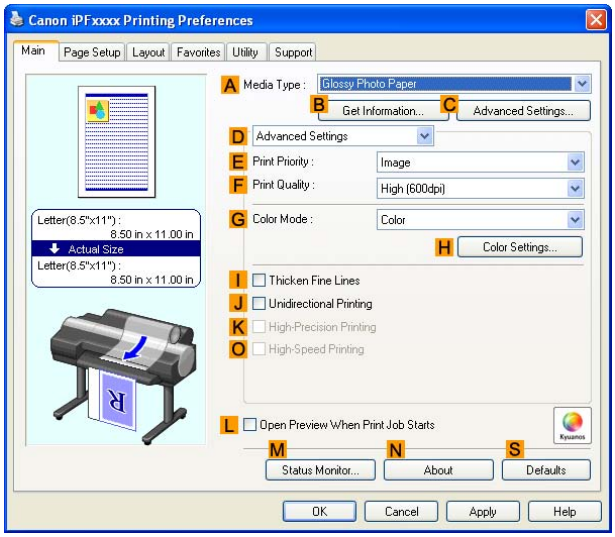


4. In the A **Media Type** list, select the type of paper that is loaded (for example, Glossy Photo Paper).

Important

- Ambient light matching may not be available, depending on the type of paper used. For more information, see the Paper Reference Guide. (→P.104)

5. Click D **Advanced Settings** to switch the print mode.

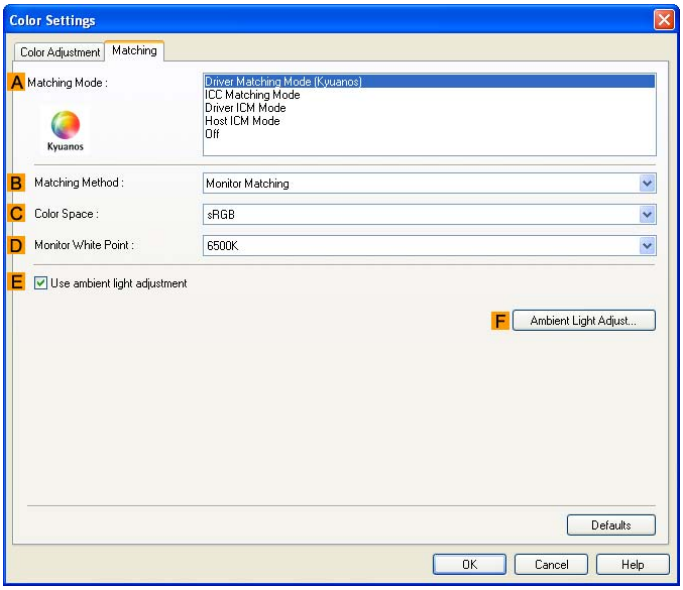


6. In F **Print Quality**, click **Highest** or **High**.

Important

- **Ambient Light Adjust** is only available when the F **Print Quality** is set to **Highest** or **High**.

7. Click **Color** in the G **Color Mode** list.
8. Click H **Color Settings** to display the **Color Settings** dialog box.
9. Click the **Matching** tab to display the **Matching** sheet.



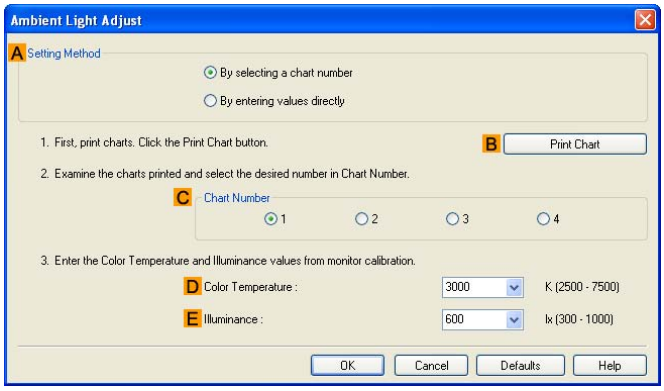
10. Make sure **Driver Matching Mode (Kyuanos)** is selected in A **Matching Mode**.

Note

- To specify monitor matching, select **Monitor Matching** in B **Matching Method**. In this case, select the same color space as when the file was opened in C **Color Space** and the monitor color temperature in D **Monitor White Point**.

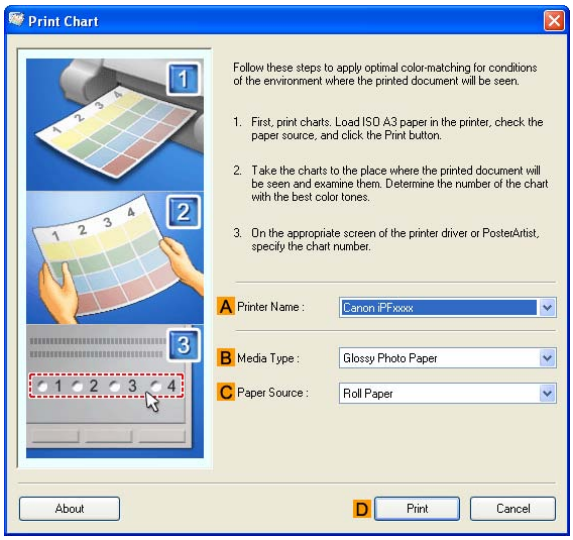
11. Select E **Use ambient light adjustment**.

12. Click F **Ambient Light Adjust** to display the **Ambient Light Adjust** dialog box.

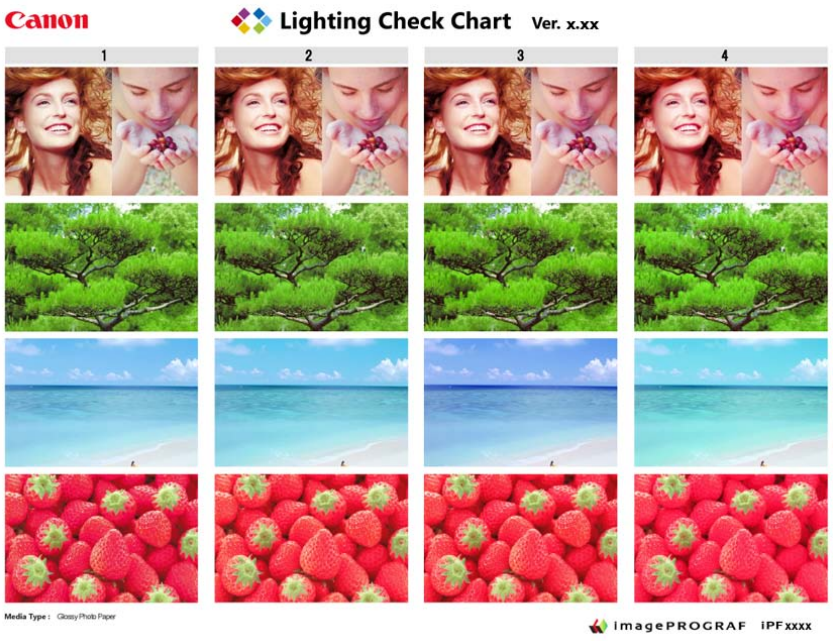


13. Confirm that **By selecting a chart number** is selected in A **Setting Method**.
If it is not selected already, select it.

14. Click B **Print Chart**.
Light Source Check Tool now starts up.



15. Check the settings and click **Print**.
The **Chart** is printed.

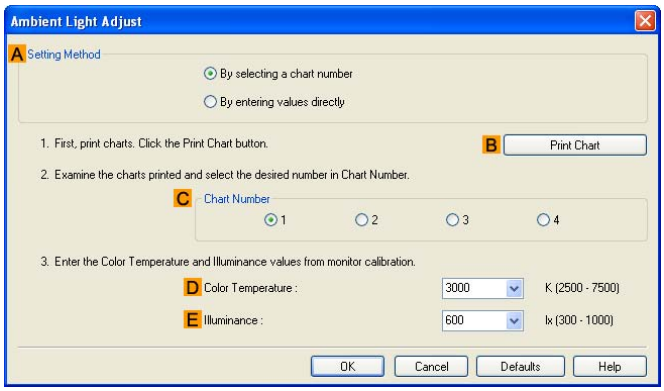


16. In the viewing environment, determine the number of the set of images on the **Chart** in which all four vertical images have the best overall color tone.

Note

- Choose the number of the set of images in which the people, the blue of the sky, and the red of the strawberries look the most natural overall.

17. In the **Ambient Light Adjust** dialog box, select the number of your preferred chart in **C Chart Number**.



18. If **Matching Method** is set to **Monitor Matching** on the **Matching** sheet, enter the **D Color Temperature** and **E Illuminance** as measured during monitor calibration.

19. Click **OK**.

20. Confirm the print settings and print as desired.

Printing in Colors Matching the Measured Ambient Light (Windows)

Measure the light level in the viewing environment and enter the results in the printer driver before printing.

Important

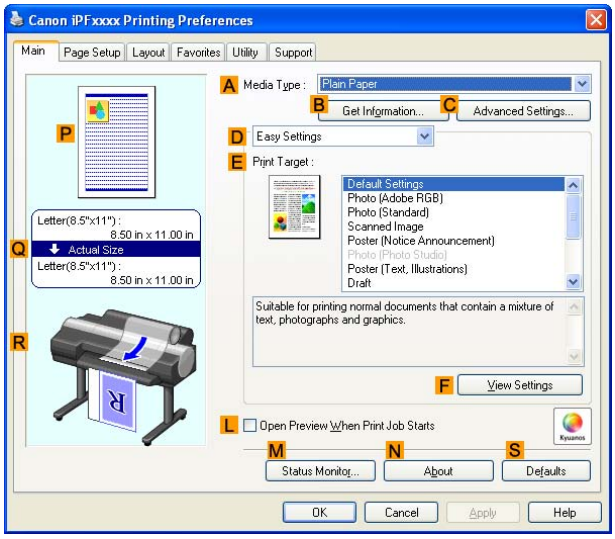
- This function requires the i1 spectrophotometer. The Light Source Measure Tool must also be installed.
- You can install the Light Source Measure Tool from the User Software CD-ROM.
- For a list of supported i1 devices, refer to the manual provided with the Light Source Measure Tool.

1. Using the i1 spectrophotometer and the Light Source Measure Tool, determine the **Lighting Source Type**, **Color Temperature**, and **Illuminance** in the viewing environment.

   Note

   - For detailed instructions on the i1 and Light Source Measure Tool, refer to the provided instructions.

2. Choose **Print** in the application menu.
3. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
4. Make sure the **Main** sheet is displayed.

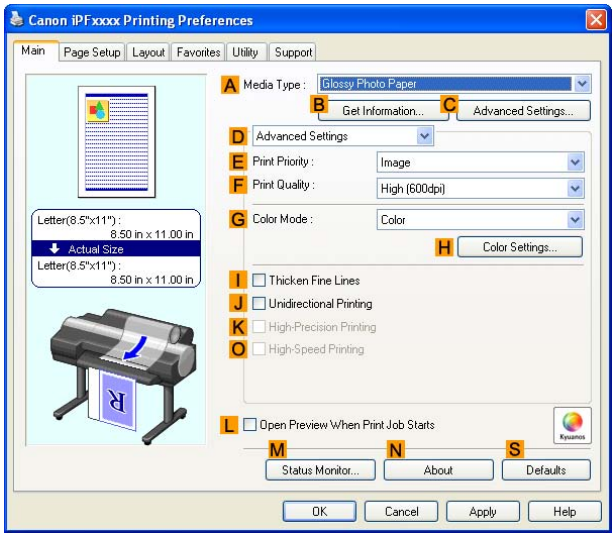


5. In the A **Media Type** list, select the type of paper that is loaded (for example, Glossy Photo Paper).

   Important

   - Ambient light matching may not be available, depending on the type of paper used. For more information, see the Paper Reference Guide. (→P.104)

6. Click **D Advanced Settings** to switch the print mode.

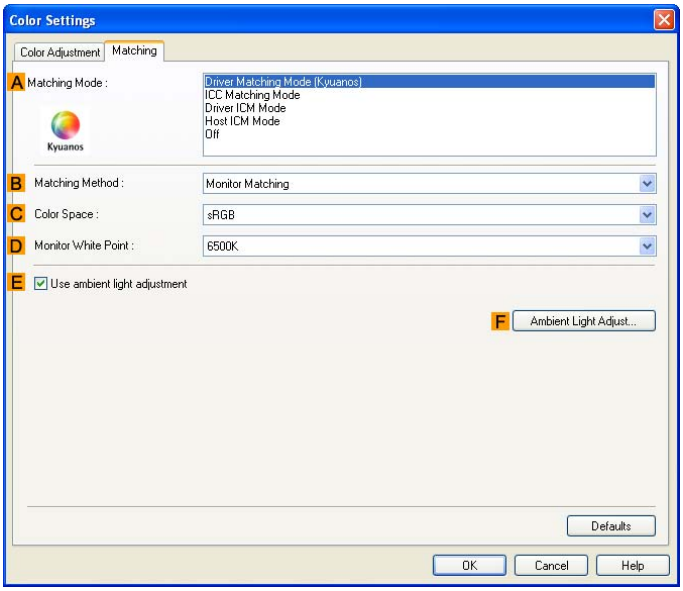


7. In **F Print Quality**, click **Highest** or **High**.

Important

- **Ambient Light Adjust** is only available when the **F Print Quality** is set to **Highest** or **High**.

8. Click **Color** in the **G Color Mode** list.
9. Click **H Color Settings** to display the **Color Settings** dialog box.
10. Click the **Matching** tab to display the **Matching** sheet.



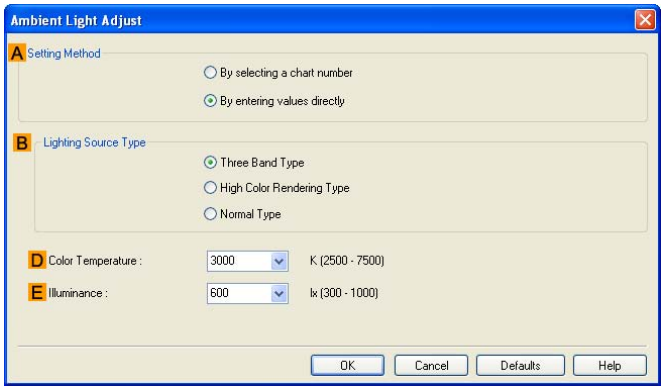
11. Make sure **Driver Matching Mode (Kyuanos)** is selected in **A Matching Mode**.

Note

- To specify monitor matching, select **Monitor Matching** in **B Matching Method**. In this case, select the same color space as when the file was opened in **C Color Space** and the monitor color temperature in **D Monitor White Point**.

12. Select **E Use ambient light adjustment**.

13. Click F **Ambient Light Adjust** to display the **Ambient Light Adjust** dialog box.



14. Select **By entering values directly** in A **Setting Method**.
15. Select the B **Lighting Source Type** and D **Color Temperature** determined in step 1.
    If you have selected **Monitor Matching** in **Matching Method** on the **Matching** sheet, also select E **Illuminance**.

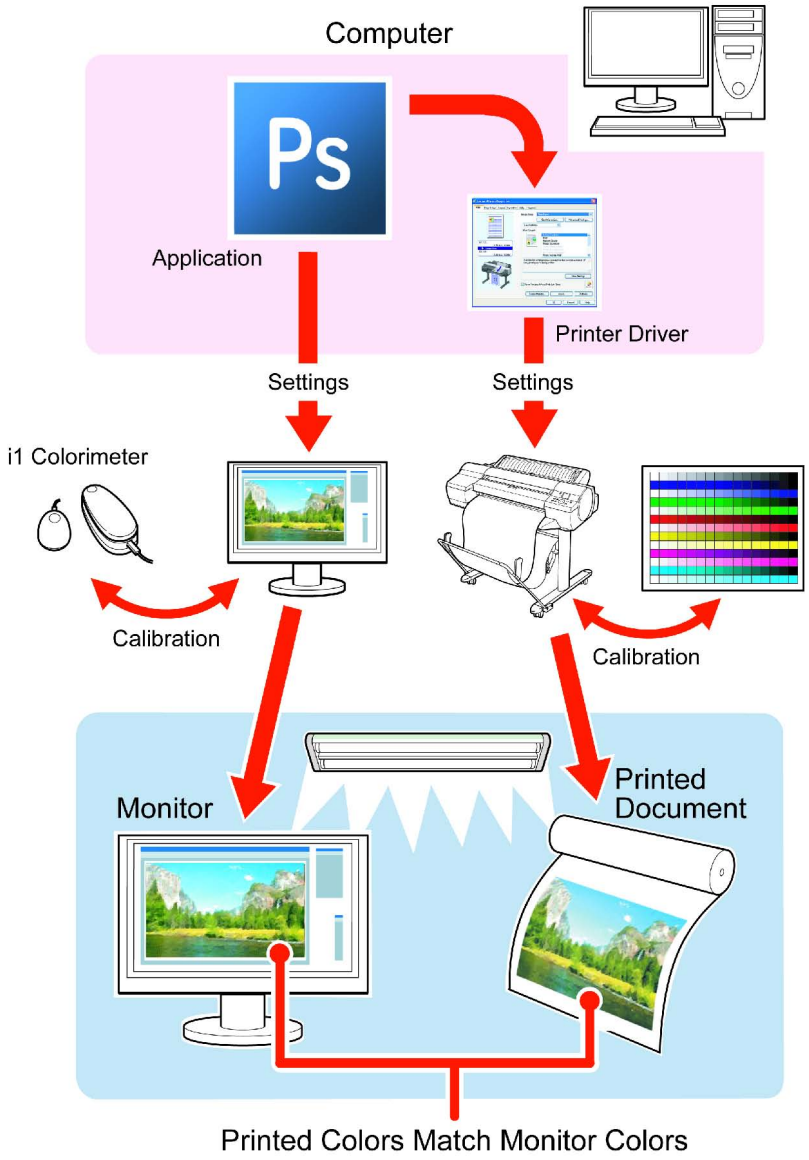
Note

- If you will print repeatedly using the settings values you set this one time, we recommend completing the settings by accessing the printer driver dialog box from the operating system menu. (→P.392)

16. Click **OK**.
17. Confirm the print settings and print as desired.

Printing Images to Match Monitor Colors

Adjusting the colors printed so that they more closely match the colors displayed on the monitor is called "monitor matching." Using this mode requires adjustment or configuration of the settings of your monitor, the source application, the file for printing, and the printer driver.



Important

- Monitor matching may not be applied, or these settings may not be configurable or adjustable, depending on your monitor and the source application.

Note

- Printing in exactly the same colors as displayed on the monitor may not be possible due to differences in the monitor and printer color gamuts.
- Calibrating your monitor requires a measuring device.
- Because colors appear different under sunlight at different times of day, we recommend following this procedure in a room not exposed to sunlight.

Monitor Matching

The sequence in monitor matching is as follows.

1. Calibrate the printer.
   Calibration improves color consistency by compensating for slight differences in how color appears due to individual variation among printheads or conditions in various printing environments.
   (→P.588)
2. Calibrate the monitor.
   Normally, you can use a colorimeter such as the i1-Display.
   Set the white point to 6500 K or 5000 K, the gamma to 2.2, and the brightness to 120 cd, and activate light source measurement.
   The exact procedure varies depending on your monitor and measurement device.
3. Open the file to print and configure settings in the source application.
   Display the file in the sRGB or Adobe RGB color space.
   Configure settings to prevent color conversion by the application.
   In Photoshop CS3, for example, select **Color Management** in the **Print** dialog box, and then select **No Color Management** in **Color Handling**.
4. Configure and adjust printer driver settings.
   Select **Monitor Matching** in **Matching Method**. Specify the **Monitor White Point** set during monitor calibration and the **Color Temperature** and **Illuminance** measured in the ambient light.
   In **Color Space**, select the color space used when displaying the file in the source application.
   If you own an i1-Pro, using Light Source Measure Tool enables more precision measurement of the ambient light.


Note

- If you will print repeatedly using the settings values you set this one time, we recommend completing the settings by accessing the printer driver dialog box from the operating system menu. (→P.392)

For instructions on configuring printer driver settings for monitor matching, refer to the following topic, as appropriate for your computer and operating system.

- Printing Images to Match Monitor Colors (Windows) (→P.377)
- Printing Images to Match Monitor Colors (Mac OS X) (→P.611)

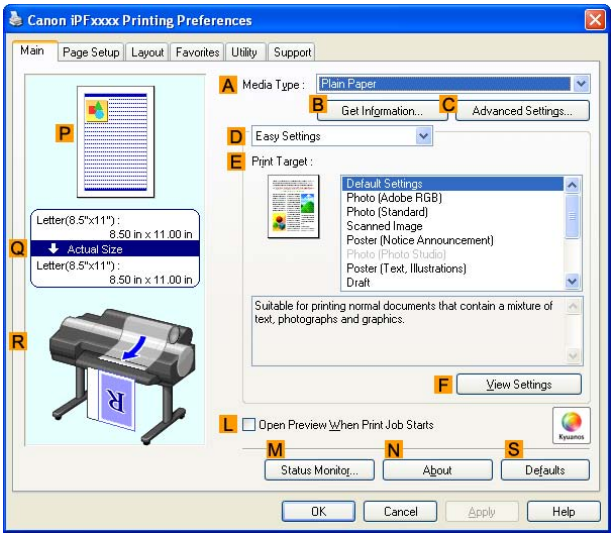
Printing Images to Match Monitor Colors (Windows)

By calibrating your monitor and configuring settings in the source application in advance, you can complete settings to print in colors that are as close as possible to the colors displayed on the monitor.

Important

- Before using this feature, you must calibrate the monitor and configure settings in the source application. (→P.375)

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
3. Make sure the **Main** sheet is displayed.

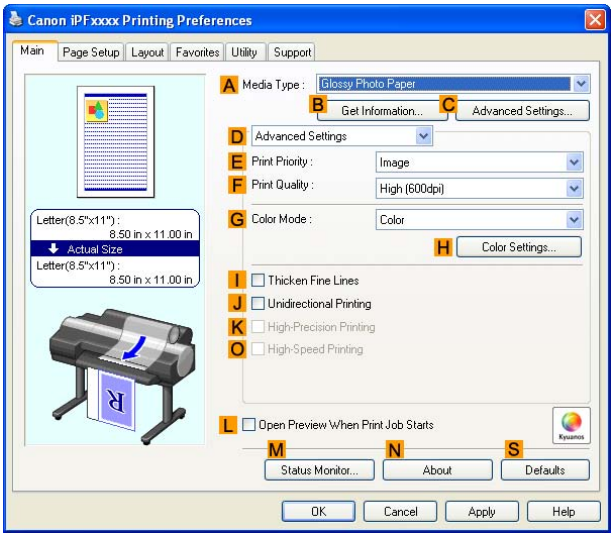


4. In the A **Media Type** list, select the type of paper that is loaded (for example, Glossy Photo Paper).

Important

- Ambient light matching may not be available, depending on the type of paper used. For more information, see the Paper Reference Guide. (→P.104)

5. Click **D Advanced Settings** to switch the print mode.

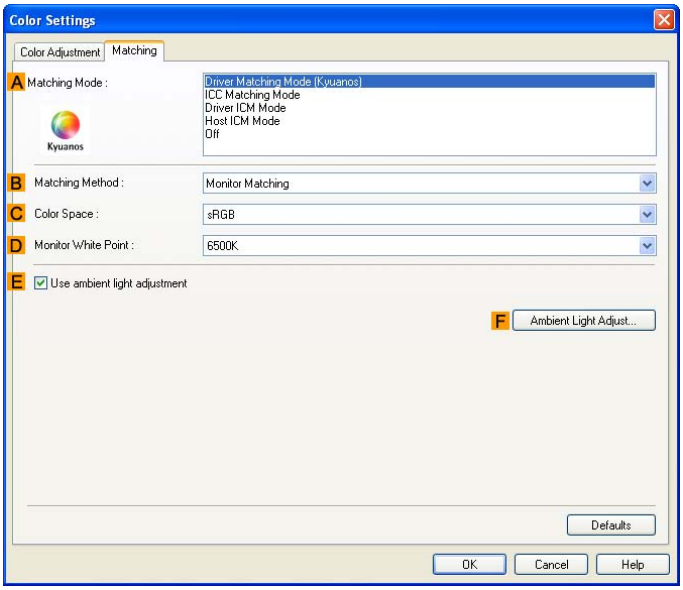


6. In **F Print Quality**, click **Highest** or **High**.

Important

- **Ambient Light Adjust** is only available when the **F Print Quality** is set to **Highest** or **High**.

7. Click **Color** in the **G Color Mode** list.
8. Click **H Color Settings** to display the **Color Settings** dialog box.
9. Click the **Matching** tab to display the **Matching** sheet.



10. Make sure **Driver Matching Mode (Kyuanos)** is selected in **A Matching Mode**.
11. In **Matching Method**, select **Monitor Matching**.
12. In **Color Space**, select the color space used when displaying the file in the source application.

13. In **Monitor White Point**, select the white point set on the monitor.


Note

- For greater precision in monitor matching, we recommend configuring the settings for ambient light matching. (→P.367)

14. Click **OK**.

15. Confirm the print settings and print as desired.

Windows Software

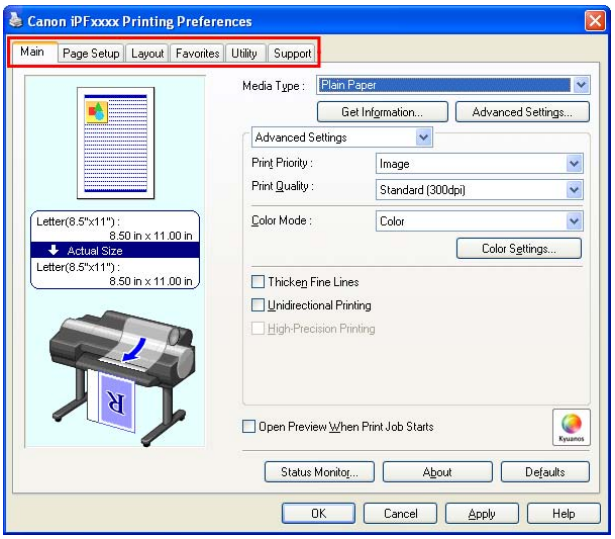
Printer Driver

Printer Driver Settings (Windows)

For instructions on accessing the Windows printer driver, refer to the following topics.

- Accessing the Printer Driver Dialog Box from Applications (Windows) (→P.390)
- Accessing the Printer Driver Dialog Box from the Operating System Menu (Windows) (→P.392)

For information on the Windows printer driver settings, refer to the following topics.



- Main Sheet (Windows) (→P.394)

  You can specify the type of paper, color processing, print quality, print preview, and other settings. Choose **Easy Settings** to specify basic print settings based on the printing application or **Advanced Settings** to complete more detailed settings as desired.

  - Media Detailed Settings Dialog Box (Windows) (→P.398)
  - View Settings Dialog Box for the Printing Application (Windows) (→P.399)
  - Color Adjustment Sheet: Color (Windows) (→P.400)
  - Matching Sheet (Windows) (→P.402)
  - Color Adjustment Sheet: Monochrome (Windows) (→P.407)
  - Gray Adjustment Sheet (Windows) (→P.409)

- Page Setup Sheet (Windows) (→P.410)

  You can specify the page size of the original, borderless printing, enlargement or reduction, the orientation, the paper size and feed source, and automatic cutting.

  - Paper Size Options Dialog Box (Windows) (→P.412)

- Layout Sheet (Windows) (→P.413)

  You can specify the page layout, watermarks, the orientation, the number of copies, and print processing options.

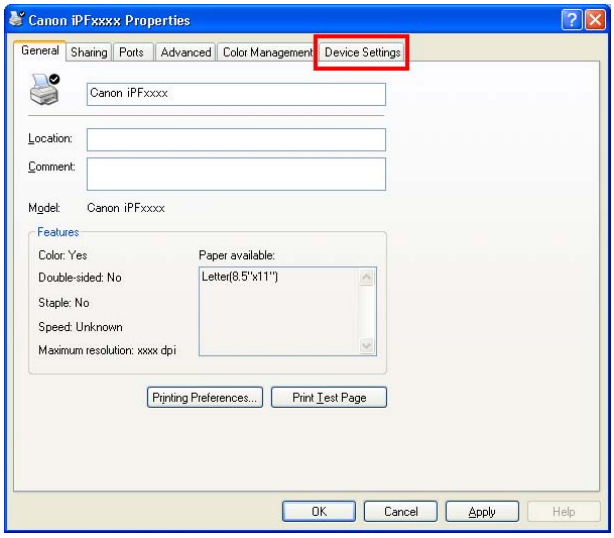
  - Special Settings Dialog Box (Windows) (→P.415)

- Favorites Sheet (Windows) (→P.416)

  Groups of print settings you select on each sheet can be saved as a favorite. Favorites you have added can be edited or used at the time of printing as desired.
- Utility Sheet (Windows) (→P.418)

  You can specify settings related to maintenance for the Printhead and feed amount, as well as settings for **Color imageRUNNER Enlargement Copy**.
- Support Sheet (Windows) (→P.419)

  You can view support information and the user manual.



- Device Settings Sheet (Windows) (→P.420)

  You can display settings for optional equipment installed on the printer and see the printer driver version.

imagePROGRAF Free Layout is a feature for freely arranging originals from various source applications on a single page as desired before printing. For details, see Free Layout .

Color imageRUNNER Enlargement Copy is a feature for automatic enlargement and printing of scanned originals from a **Color imageRUNNER**. For details, see Color imageRUNNER Enlargement Copy .

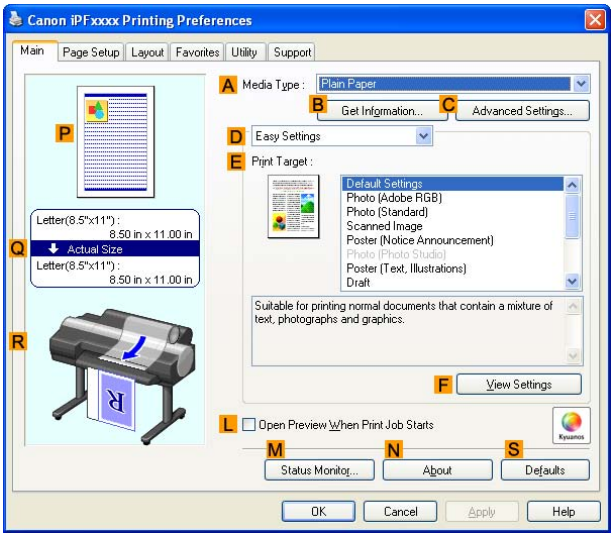
Specifying Paper in the Printer Driver (Windows)

If you have replaced the paper, you must complete the following settings in the printer driver.

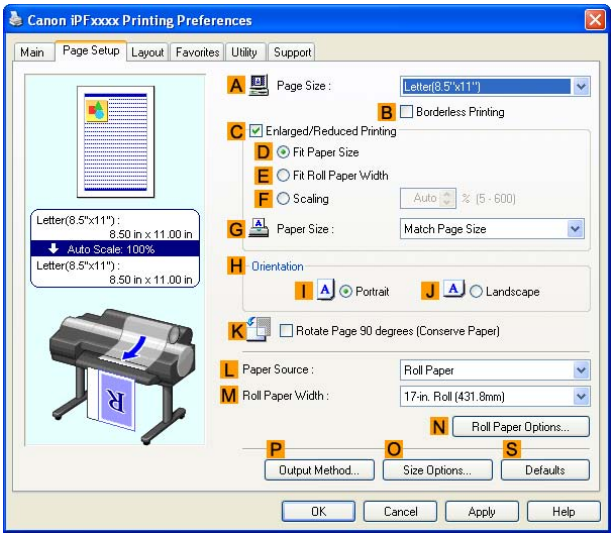
Important

- Always specify the same type and size of paper in the printer menu and printer driver.
  If the type and size do not match, an error message will be displayed and printing is not possible.

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
3. Make sure the **Main** sheet is displayed.



4. In the A **Media Type** list, select the type of paper that is loaded.
5. Click the **Page Setup** tab to display the **Page Setup** sheet.



6. In the A **Page Size** list, select the size of the original as specified in the application.
7. In the L **Paper Source** list, select how paper is supplied.

8. If you have selected **Roll Paper** in **L Paper Source**, select the width of the loaded roll in **M Roll Paper Width**.

Note

- A variety of settings are available in the printer driver to suit different printing applications.
  For details on available printing conditions, see “Printer Driver Settings (Windows)”. (→P.380)

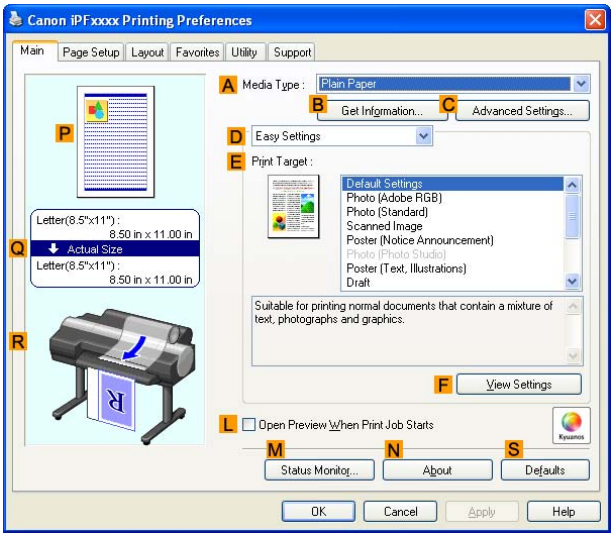
Confirming Print Settings (Windows)

There are two ways to confirm the print settings, as follows.

- Checking a preview of the settings (→P.384)
- Checking a print preview (→P.385)

Checking a preview of the settings

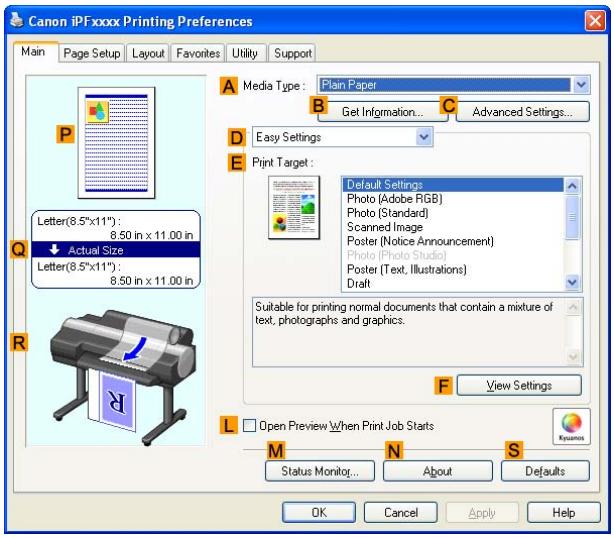
A preview of the settings is displayed on the left side of the **Main**, **Page Setup**, and **Layout** sheets. By checking illustrations and numerical values in the preview, you can confirm current settings for the page size, orientation, paper source, layout, and so on.



Display Area	Information Displayed
P **Top illustrations**	Illustrations indicate the orientation, page layout, borderless printing selection, color mode, and other settings information.
Q **Middle, bordered area**	The page size, paper size, and method and percentage of enlargement or reduction are indicated.
R **Bottom illustrations**	Illustrations indicate the feed source, orientation, borderless printing selection, and other settings information.

Note

- To confirm the **Print Target** specified in **Easy Settings**, click F **View Settings** on the **Main** sheet to display the **View Settings** dialog box.



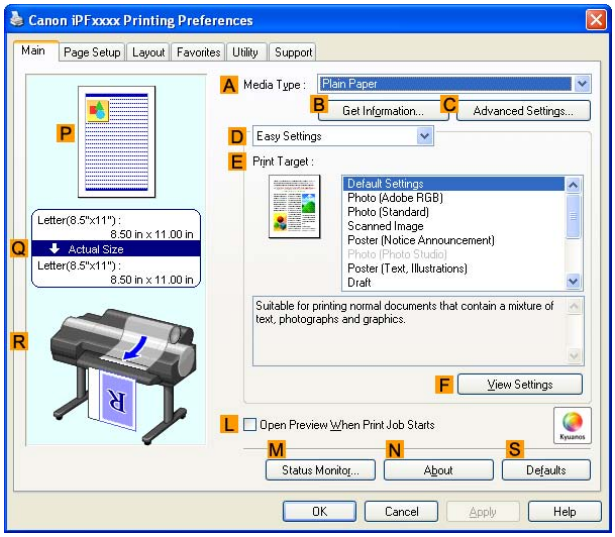
Checking a print preview

You can check an image of the original just as it will be printed.
When you activate this feature, imagePROGRAF Preview or PageComposer is started before printing.
Confirming how documents will be printed this way helps prevent printing errors.
For details on print previews, see “Checking the Layout in a Preview Before Printing”. (→P.345)

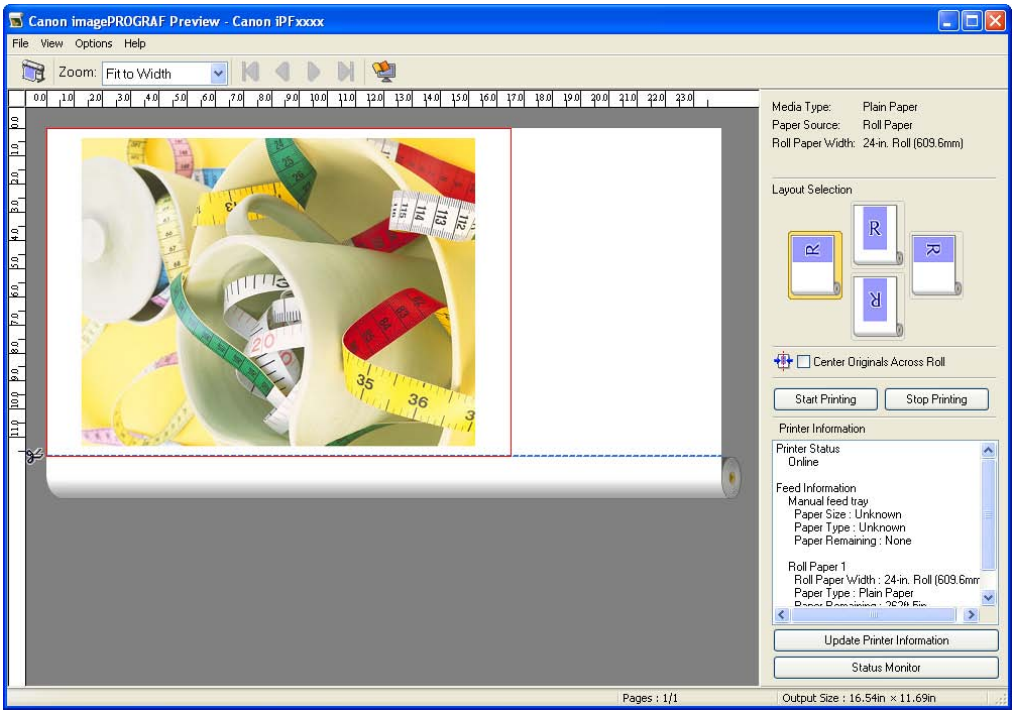
Checking the Layout in a Preview Before Printing (Windows)

This topic describes how to preview images of print jobs before actually printing them.

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
3. Make sure the **Main** sheet is displayed.



4. Select the **L** **Open Preview When Print Job Starts** check box.
5. After you click **OK**, when you print a job, the **imagePROGRAF Preview** window will be displayed.



Note

- If PageComposer is running, access the **Special Settings** dialog box from the **Layout** sheet and clear **Enable Preview Switching**.

6. On the main window, you can check the layout and change settings as needed.
7. To print, click **Start Printing** in the **File** menu.


Note

- For details on **imagePROGRAF Preview** functions, see Preview .

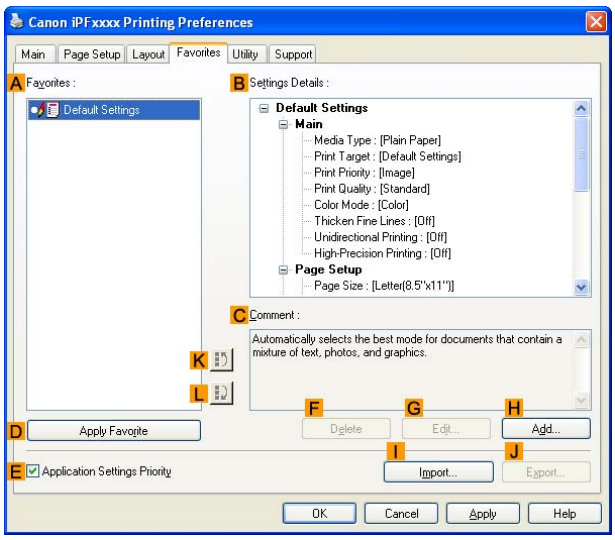
Using Favorites (Windows)

This topic describes how to register favorites and print using favorite settings.

Registering a favorite

Follow the steps below to save the current print settings as a favorite.

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
3. Complete the print settings.
4. Click the **Favorites** tab to display the **Favorites** sheet.



5. Click H **Add** to display the **Add** dialog box.
6. Complete the following settings in the **Add** dialog box.
   - Enter a desired name in **Name**, such as “Photos for Presentations” or “Monthly Report.”
   - Choose a fitting icon for these print settings in the **Icon** list.
   - In **Comment**, enter a description of the favorite to be added, as desired.
7. Click **OK** to close the **Add** dialog box.

   The favorite you have added is now displayed in A **Favorites**.

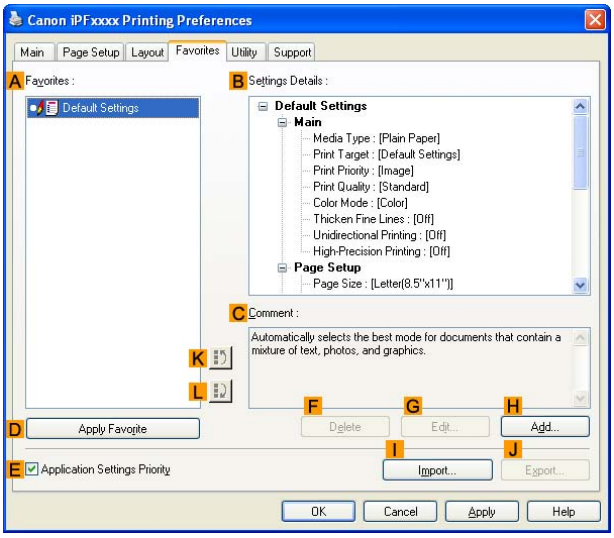
Note

- To save a favorite as a file, click J **Export** and specify the file to save.

Printing using the favorite

Follow the steps below to print using the favorite you have registered.

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
3. Click the **Favorites** tab to display the **Favorites** sheet.



4. In the A **Favorites**, choose the favorite you registered.

Note

- To import a favorite, click I **Import** and specify the favorite file.

5. Click D **Apply Favorite** to replace the favorite settings with the current print settings.
6. Confirm the print settings and print as desired.

Note

- For instructions on confirming print settings, see “Confirming Print Settings (Windows)”. (→P.384)

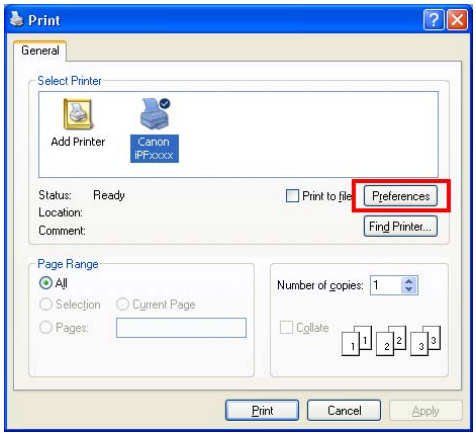
Accessing the Printer Driver Dialog Box from Applications (Windows)

1. Choose **Print** from the **File** menu to display the dialog box for printing conditions.
2. Select the printer, and then display the printer driver dialog box.

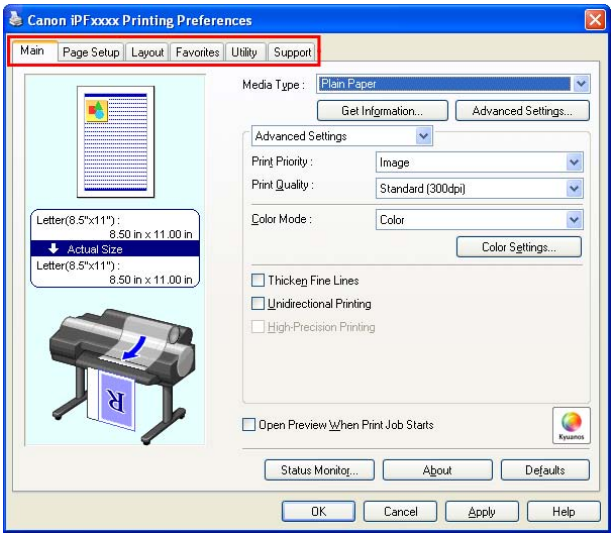
Note

- The dialog box for specifying printing conditions varies depending on the source application. In some cases, when you select the printer, a sheet for configuring the printer driver is added to the dialog box. In the following case, click **Preferences**.

■Example: Print dialog box displayed by the application software



Six sheets of print settings are displayed by the printer driver: **Main**, **Page Setup**, **Layout**, **Favorites**, **Utility**, and **Support**.



Note

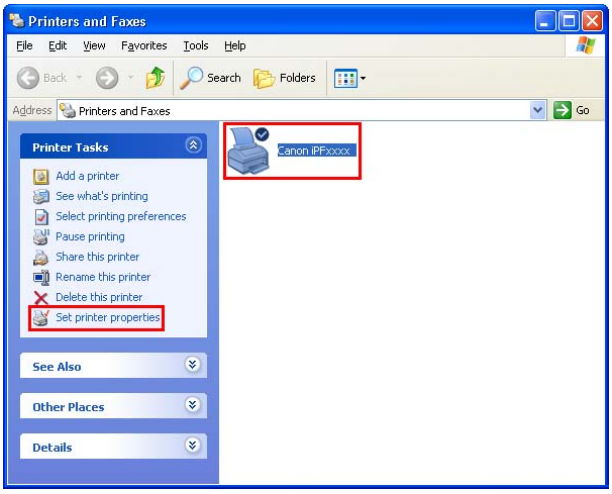
- The titles of dialog boxes may vary depending on the application, and sheets other than these six sheets may be displayed.

Important

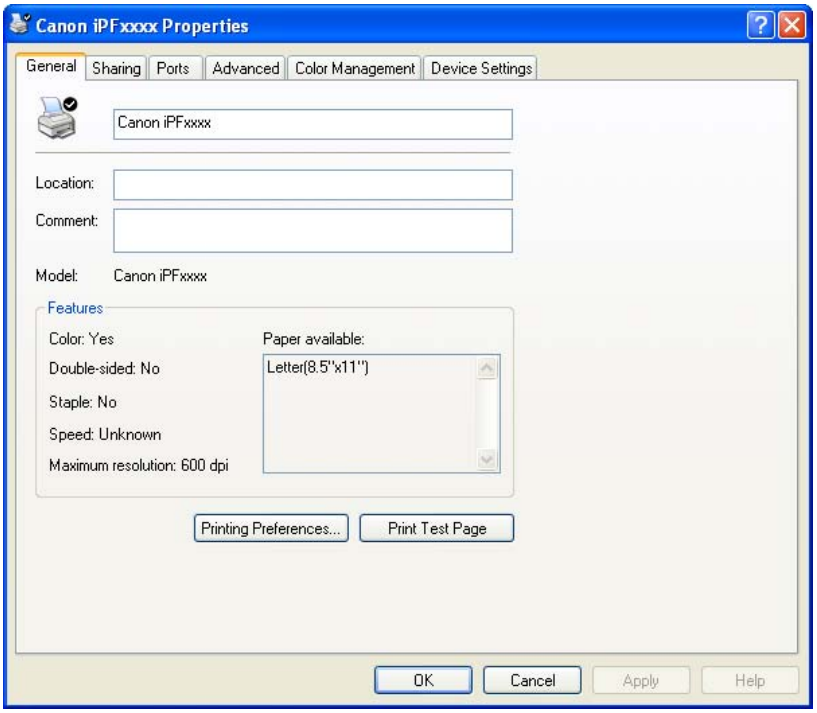
- If you access the printer driver dialog box from the source application, changes you make to the settings will only apply temporarily to that application. Because these are sizes you specify temporarily in the printer driver, the sizes will not be available after you exit the application.
- You can also access the printer driver dialog box from the Windows system menu.
see “Accessing the Printer Driver Dialog Box from the Operating System Menu (Windows)”. (→P.392)

Accessing the Printer Driver Dialog Box from the Operating System Menu (Windows)

1. Click **start** > **Printers and Faxes** (or **Printers**).
2. Select the printer, and then display the printer properties dialog box.



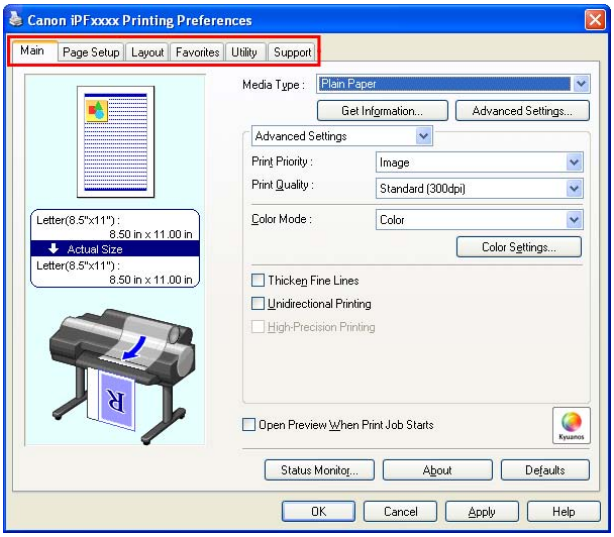
3. Click **Printing Preferences** to display the **Printing Preferences** dialog box, titled with the name of this printer.



Note

- The **Device Settings** sheet is also an extension of the printer driver. (→P.420)

Six sheets of print settings are displayed by the printer driver: **Main**, **Page Setup**, **Layout**, **Favorites**, **Utility**, and **Support**.



Important

- If you access the printer driver dialog box from the operating system menu, changes you make to the settings will apply to all applications you use for printing.
- You can also access the printer driver dialog box from applications.
  see “Accessing the Printer Driver Dialog Box from Applications (Windows)”. (→P.390)

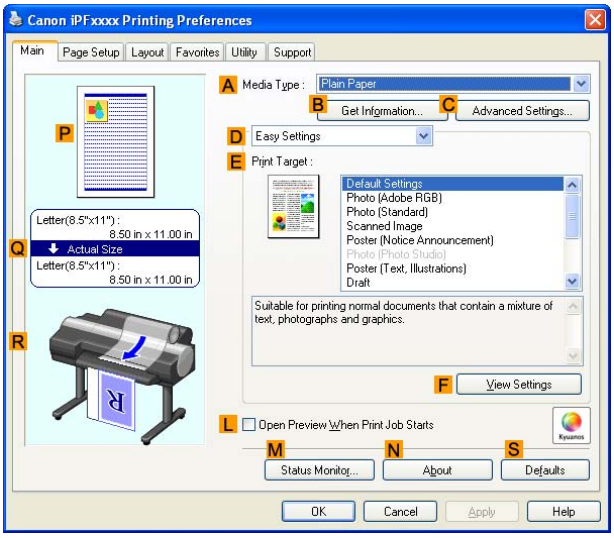
Main Sheet (Windows)

The following settings are available on the **Main** sheet. For details on settings items, refer to the printer driver help file.

Note

- On the **Main** sheet, choose **Easy Settings** to specify basic print settings based on the particular printing application, or switch to **Advanced Settings** to complete more detailed settings as desired.

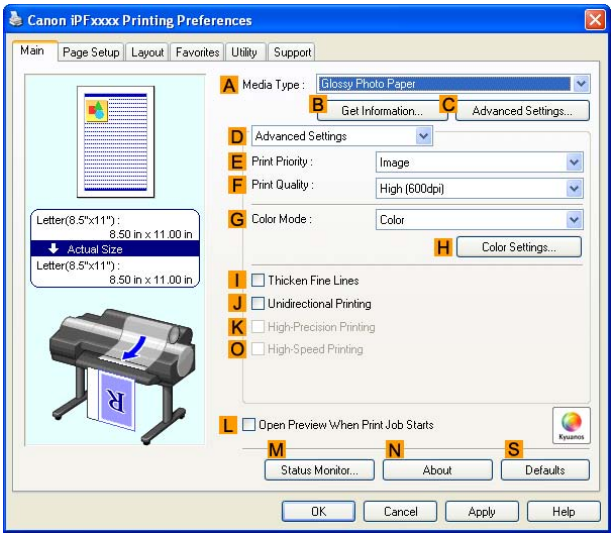
Configuration using Easy Settings



Setting Item		Description
A Media Type		Select the type of paper. For information on the types of paper the printer supports, refer to the Paper Reference Guide. (→P.104)
	B Get Information	Click to display the **Paper Information on Printer** dialog box, which shows the types and sizes of paper specified on the printer for each feed source. When you select a feed source, your selection is applied to the printer driver settings for the feed source, type of paper, and roll width.
	C Advanced Settings	Click to display the **Paper Detailed Settings** dialog box for ink drying time and other detailed settings based on the type of paper.
E Print Target		Choose presets that match the type of document to be printed. Printing Photos and Images (→P.162) Printing Line Drawings and Text (→P.187) Printing Office Documents (→P.193) Depending on the **Media Type** setting, some **Print Target** options may not be available.
	F View Settings	Click to display the **View Settings** dialog box, which enables you to confirm the settings for the selected item from the **E Print Target** list or change the order of items listed in **E Print Target**.
L Open Preview When Print Job Starts		Activate this option to check on-screen previews of documents before printing. Checking the Layout in a Preview Before Printing (→P.345)

Setting Item	Description
M Status Monitor	Click to start imagePROGRAF Status Monitor, which enables you to confirm the status of the printer and print jobs. You can also set up email notification if printer errors occur by completing the **Email Notice** settings. For details, refer to the **Status Monitor** help.
N About	Click to confirm version information for the printer driver.
S Defaults	Click to restore all settings on the sheet to the default values.

Configuration using Advanced Settings

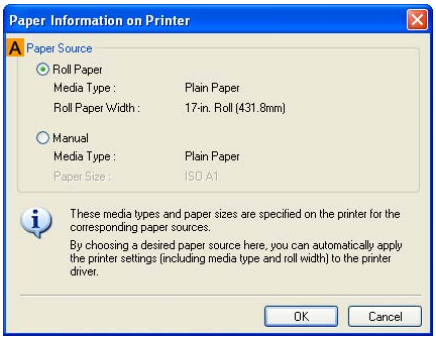


Setting Item		Description
A Media Type		Select the type of paper. For information on the types of paper the printer supports, refer to the Paper Reference Guide. (→P.104)
	B Get Information	Click to display the **Paper Information on Printer** dialog box, which shows the types and sizes of paper specified on the printer for each feed source. When you select a feed source, your selection is applied to the printer driver settings for the feed source, type of paper, and roll width.
	C Advanced Settings	Click to display the **Paper Detailed Settings** dialog box for ink drying time and other detailed settings based on the type of paper.
E Print Priority		Choose the graphic elements that you want to emphasize for printing. Giving Priority to Particular Graphic Elements and Colors for Printing (→P.212)
F Print Quality		Choose the level of print quality. Giving Priority to Particular Graphic Elements and Colors for Printing (→P.212)
G Color Mode		Choose the color mode. Giving Priority to Particular Graphic Elements and Colors for Printing (→P.212) The available **Color Mode** options vary depending on the **Media Type** setting.
	H Color Settings	Click to display the **Color Settings** dialog box for more advanced color settings. Adjusting the Color in the Printer Driver (→P.203)

Setting Item	Description
I **Thicken Fine Lines**	Activate this option to print fine lines more distinctly.
J **Unidirectional Printing**	Although unidirectional printing is slower, it can help prevent misaligned lines and ensure better results.
K **High-Precision Printing**	Select this option for printing at the highest level of quality. However, this takes more time than regular printing.
O **High-Speed Printing**	Select this option for printing at the highest speed. Printing in this mode is faster and consumes less ink, but the printing quality is lower.
L **Open Preview When Print Job Starts**	Activate this option to check on-screen previews of documents before printing. Checking the Layout in a Preview Before Printing (→P.345)
M **Status Monitor**	Click to start imagePROGRAF Status Monitor, which enables you to confirm the status of the printer and print jobs. You can also set up email notification if printer errors occur by completing the **Email Notice** settings. For details, refer to the **Status Monitor** help file.
N **About**	Click to confirm version information for the printer driver.
S **Defaults**	Click to restore all settings on the sheet to the default values.

Paper Information on Printer Dialog Box (Windows)

On the **Paper Information on Printer** dialog box, you can obtain information on the paper in the printer and configure printer driver settings for the paper source and media type.



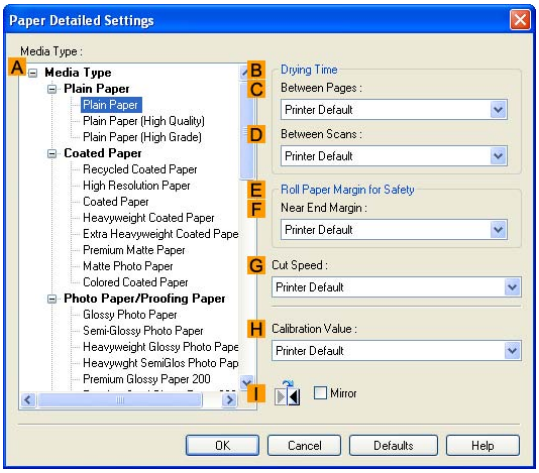
Note

- To display the **Paper Information on Printer** dialog box, on the **Main** sheet, click **Get Information** by **Media Type**. (→P.394)

Setting Item	Description
A **Paper Source**	Shows the **Paper Source** supported by the printer, as well as information about the loaded paper. To update the **Paper Source** and media type settings in the printer driver, select the desired **Paper Source** option and click **OK**.

Media Detailed Settings Dialog Box (Windows)

The **Paper Detailed Settings** dialog box offers the following settings. For details on settings items, refer to the printer driver help.



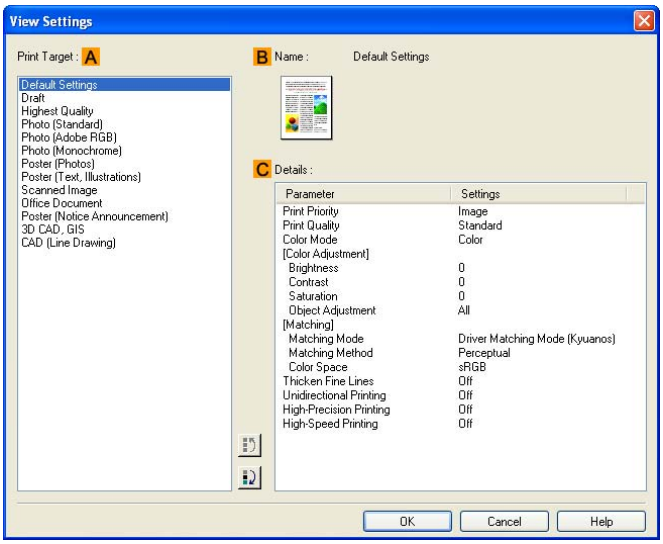
Note

- To display the **Paper Detailed Settings** dialog box, on the **Main** sheet, click **Settings** by **Media Type**. (→P.394)

Setting Item		Description
A Media Type		Select the paper type. For information on the types of paper the printer supports, refer to the Paper Reference Guide. (→P.104)
B Drying Time		Specify the time that the printer waits for ink to dry, as needed. The **Drying Time** setting is only valid for rolls. (→P.130)
	C Between Pages	Specify the time the printer waits after printing a page until ejecting the paper, as needed.
	D Between Scans	Specify the time the printer waits after printing a line on the page until printing the next line, as needed.
E Roll Paper Margin for Safety		You can specify the length of a margin on the leading edge of paper to ensure that paper susceptible to curling is held firmly against the Platen.
	F Near End Margin	Specify the length of the **Near End Margin** (the leading edge margin) of the roll, as needed.
G Cut Speed		Select the speed of automatic cutting, as needed. You can adjust this setting if paper is not cut well when automatic cutting is used.
H Calibration Value		You can specify whether to apply the results of calibration performed on the printer to image processing.
I Mirror		Specify whether to print a mirror image, as needed. Select this option to print a version of the document or image with the left and right sides inverted.

View Settings Dialog Box for the Printing Application (Windows)

In the **View Settings** dialog box, you can check details of the selected printing application.



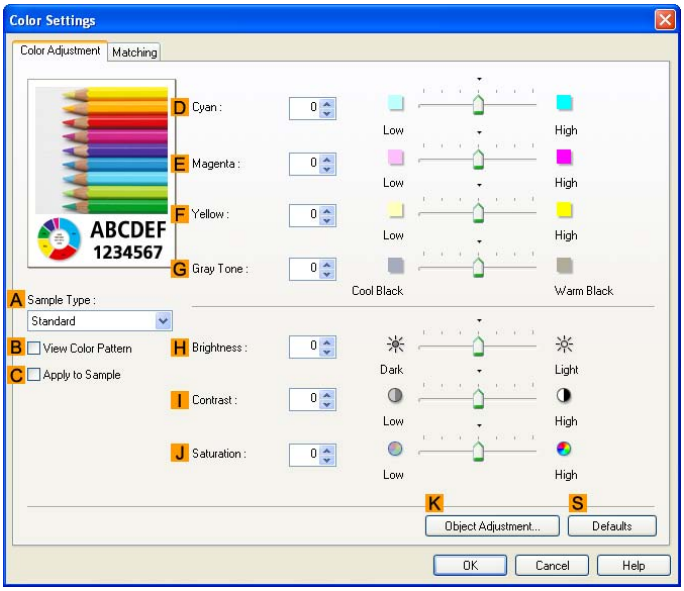
Note

- To display the **View Settings** dialog box, on the **Main** sheet, click **View Settings** by **Print Target**. (→P.394)

Setting Item	Description
A **Print Target**	Shows all **Print Target** options (settings items for the printing application).
B **Name**	Identifies the item selected in **Print Target** by its name and an icon.
C **Details**	Here, you can confirm detailed settings values for each listed item for the selected **Print Target**.

Color Adjustment Sheet: Color (Windows)

If the color tone as printed is not as you expected, you can adjust it on the **Color Adjustment** sheet.



Note

- To display the **Color Adjustment** sheet, on the **Main** sheet, click **Color Settings** by **Color Mode** in **Advanced Settings**. (→P.394)

Setting Item	Description
A **Sample Type**	Choose a sample image from **Standard**, **Portrait**, **Landscape**, or **Graphics**.
B **View Color Pattern**	Clicking to select this check box will display the color pattern.
C **Apply to Sample**	Clicking to select this check box will apply the revised settings to the sample image.
D **Cyan**	Fine-tune color tones by adjusting the levels of each color.
E **Magenta**	
F **Yellow**	
G **Gray Tone**	Adjust the color tone of grays as desired. Choose **Cool Black** (tinged with blue) or **Warm Black** (tinged with red).
H **Brightness**	Adjust the overall image brightness as desired. You can adjust the brightness if the printed document is lighter or darker than the original image (that is, the original photo that was scanned or the original graphic as it appears on the computer screen).
I **Contrast**	Adjust the contrast of the darkest and lightest portions relative to each other, as desired. Increasing the **Contrast** makes images sharper, and reducing the **Contrast** softens images.
J **Saturation**	Adjust the color intensity as desired. Increasing the **Saturation** setting makes colors more vivid, and reducing the **Saturation** makes colors more subdued.

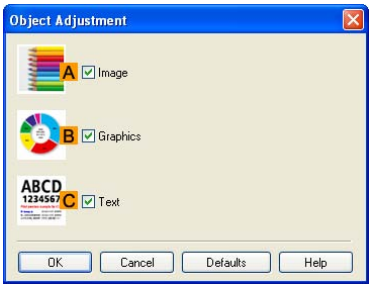
Setting Item	Description
K **Object Adjustment**	Select this option to display the **Object Adjustment** dialog box, in which you can specify objects subject to color adjustment.
S **Defaults**	Click to restore all settings on the sheet to the default values.

Note

- For details on settings items, see “Adjusting the Color in the Printer Driver”. (→P.203)

Object Adjustment dialog box

In the **Object Adjustment** dialog box, you can specify what type of print jobs to apply color adjustment to. If an original comprises images, graphics, and text, you can specify which portion to apply color adjustment to.



Note

- To display the **Object Adjustment** dialog box, click **Object Adjustment** on the **Color Adjustment** sheet.

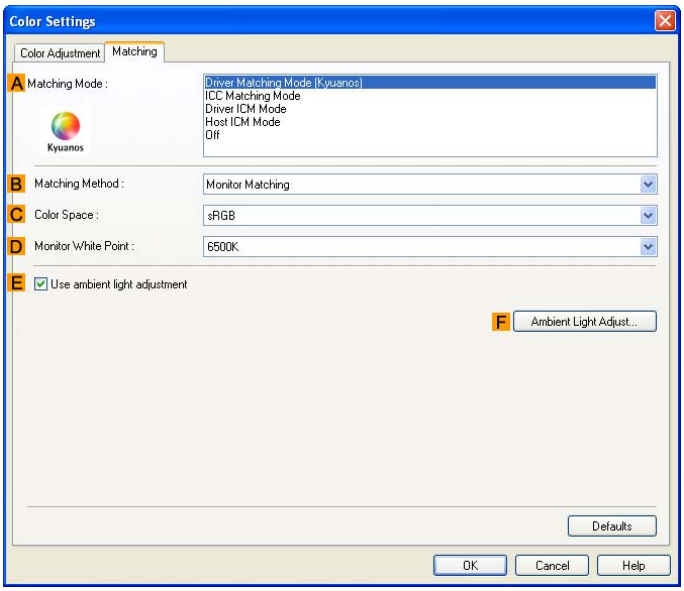
Setting Item	Description
A **Image**	Select this option to apply color adjustment to image areas, such as photos.
B **Graphics**	Select this option to apply color adjustment to graphics, such as lines and circles.
C **Text**	Select this option to apply color adjustment to text.

Matching Sheet (Windows)

On the **Matching** sheet, you can specify color matching to compensate for differences in the appearance of colors on various devices.

Driver Matching Mode (Kyuanos)

The following options are available when you select **Driver Matching Mode (Kyuanos)** in the **Matching Mode** list.



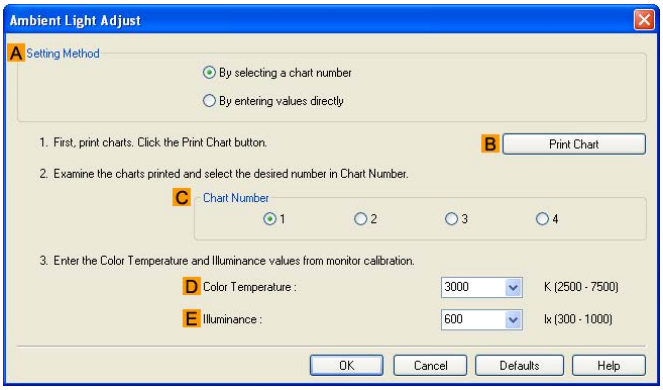
Setting Item	Description
A **Matching Mode**	Select the color matching mode to use, as desired. Normally, select **Driver Matching Mode**. For color matching based on ICC profiles, select **ICC Matching Mode**, **Driver ICM Mode**, or **Host ICM Mode**, depending on your color matching system. If you prefer not to use color matching based on the printer driver, select **Off**.
B **Matching Method**	Select the color matching method that suits the document to be printed. Various **Matching Method** options are available depending on your selection in **Matching**.
C **Color Space**	Select the applicable color space as desired.
D **Monitor White Point**	Enter the color temperature set on the monitor. Displayed when the **Matching Method** is set to **Monitor Matching**.
E **Use ambient light adjustment**	Select this option for adjustment of colors to suit the ambient light in the viewing environment.
F **Ambient Light Adjust**	Click to display the **Ambient Light Adjust** dialog box, which enables you to complete settings for printing to match the ambient light.

Note

- To display the **Matching** sheet, on the **Main** sheet, click **Color Settings** by **Color Mode** in **Advanced Settings**, and then click the **Matching** sheet. (→P.394)

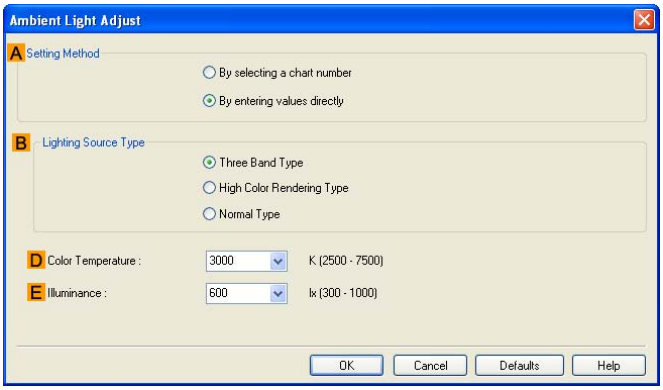
Ambient Light Adjust

When you select **By selecting a chart number** in **Setting Method**



Setting Item	Description
A **Setting Method**	You can choose configuration based on the printed **Chart** or based on using the i1 colorimeter.
B **Print Chart**	Click to start the **Light Source Check Tool**, for printing **Charts**. The **Light Source Check Tool** must be installed to use this function.
C **Chart Number**	In **Chart**, select the number of the pattern with your desired colors.
D **Color Temperature**	Enter the **Color Temperature** measured during monitor calibration. Displayed when the **Matching Method** is set to **Monitor Matching** on the **Matching** sheet.
E **Illuminance**	Enter the **Illuminance** measured during monitor calibration. Displayed when the **Matching Method** is set to **Monitor Matching** on the **Matching** sheet.

When you select **By entering values directly** in **Setting Method**



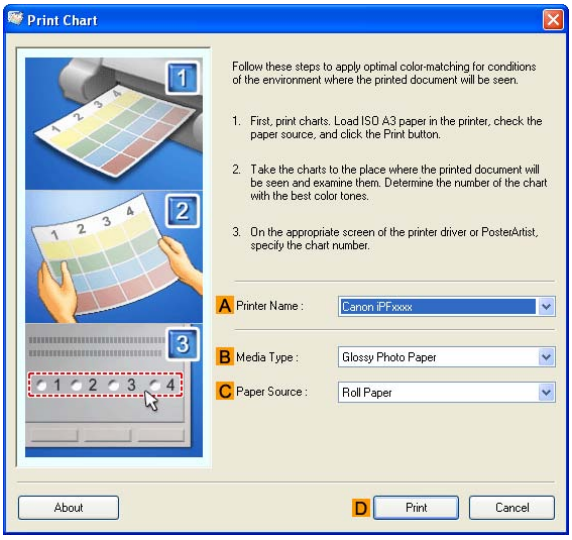
Setting Item	Description
A **Setting Method**	You can choose configuration based on the printed **Chart** or based on using the i1 colorimeter.
B **Lighting Source Type**	Select the light source measured using the i1 colorimeter.
D **Color Temperature**	Enter the **Color Temperature** measured using the i1 colorimeter.
E **Illuminance**	Enter the **Illuminance** measured using the i1 colorimeter. Displayed when the **Matching Method** is set to **Monitor Matching** on the **Matching** sheet.

Note

- For details on settings items, see “Adjusting the Color in the Printer Driver”. (→P.203)

Light Source Check Tool

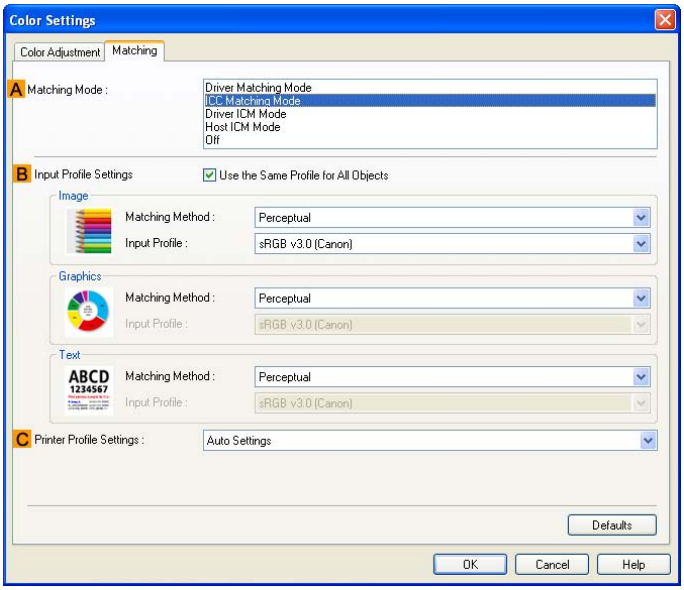
The **Light Source Check Tool** enables you to print **Chart**.



Setting Item	Description
A **Printer Name**	The printer name is displayed here.
B **Media Type**	Select the paper type. For information on the types of paper compatible with **Driver Matching Mode (Kyuanos)**, refer to the Paper Reference Guide. (→P.104)
C **Paper Source**	Choose the paper source, as desired. Options displayed in the list vary depending on the selection in **Media Type** in the **Main** sheet.
D **Print**	Click to print the **Chart**.

ICC Matching Mode, Driver ICM Mode and Host ICM Mode

The following options are available when you select **ICC Matching Mode**, **Driver ICM Mode**, or **Host ICM Mode** in the **Matching Mode** list.



Note

- To display the **Matching** sheet, on the **Main** sheet, click **Color Settings** by **Color Mode** in **Advanced Settings**, and then click the **Matching** sheet. (→P.394)

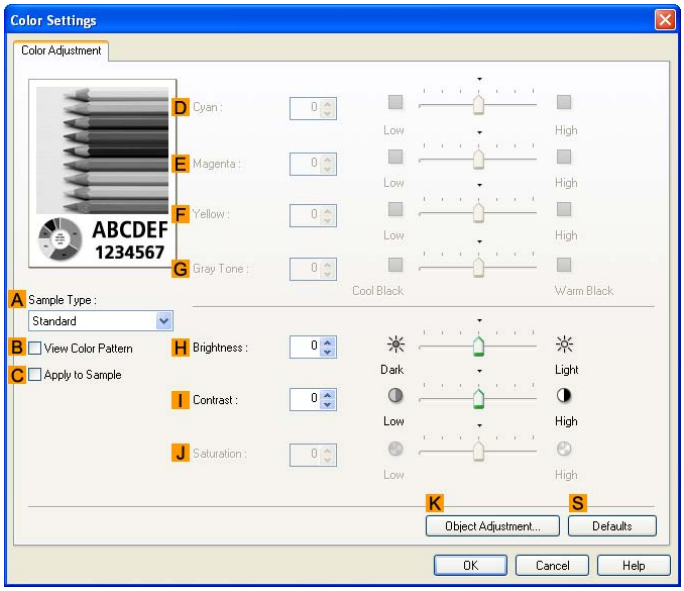
Setting Item	Description
A **Matching Mode**	Select the color matching mode to use, as desired.
B **Input Profile Settings**	You can select **Image**, **Graphics**, or **Text**. You can choose **Matching Method** and **Input Profile**. Various options are available depending on your selected **Matching Mode**. To apply the same input profile automatically for **Graphics** and **Text**, select **Use the Same Profile for All Objects**. To apply separate input profiles to **Graphics** and **Text**, clear **Use the Same Profile for All Objects** and specify the individual settings.
C **Printer Profile Settings**	Specify the printer profile as desired. Normally, select **Auto Settings**.

Note

- For details on settings items, see “Adjusting the Color in the Printer Driver”. (→P.203)

Color Adjustment Sheet: Monochrome (Windows)

On the **Color Adjustment** sheet for monochrome printing, you can adjust the brightness and contrast.



Note

- To display the **Color Adjustment** sheet, on the **Main** sheet, click **Color Settings** by **Color Mode** in **Advanced Settings**. (→P.394)

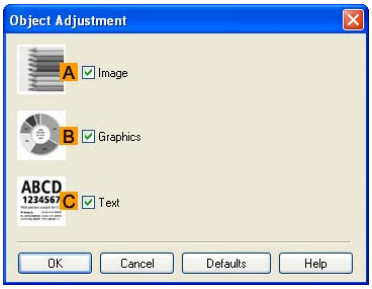
Setting Item	Description
A **Sample Type**	Choose a sample image from **Standard**, **Portrait**, **Landscape**, or **Graphics**.
B **View Color Pattern**	Clicking to select this check box will display the color pattern.
C **Apply to Sample**	Clicking to select this check box will apply the revised settings to the sample image.
D **Cyan**	Not available.
E **Magenta**	
F **Yellow**	
G **Gray Tone**	Not available.
H **Brightness**	Adjust the overall image brightness as desired. You can adjust the brightness if the printed document is lighter or darker than the original image (that is, the original photo that was scanned or the original graphic as it appears on the computer screen).
I **Contrast**	Adjust the contrast of the darkest and lightest portions relative to each other, as desired. Increasing the **Contrast** makes images sharper, and reducing the **Contrast** softens images.
J **Saturation**	Not available.
K **Object Adjustment**	Select this option to display the **Object Adjustment** dialog box, in which you can specify objects subject to color adjustment.
S **Defaults**	Click to restore all settings on the sheet to the default values.

Note

- For details on settings items, see “Adjusting the Color in the Printer Driver”. (→P.203)

Object Adjustment dialog box

In the **Object Adjustment** dialog box, you can specify what type of print jobs to apply color adjustment to. If an original comprises images, graphics, and text, you can specify which portion to apply color adjustment to.



Note

- To display the **Object Adjustment** dialog box, click **Object Adjustment** on the **Color Adjustment** sheet.

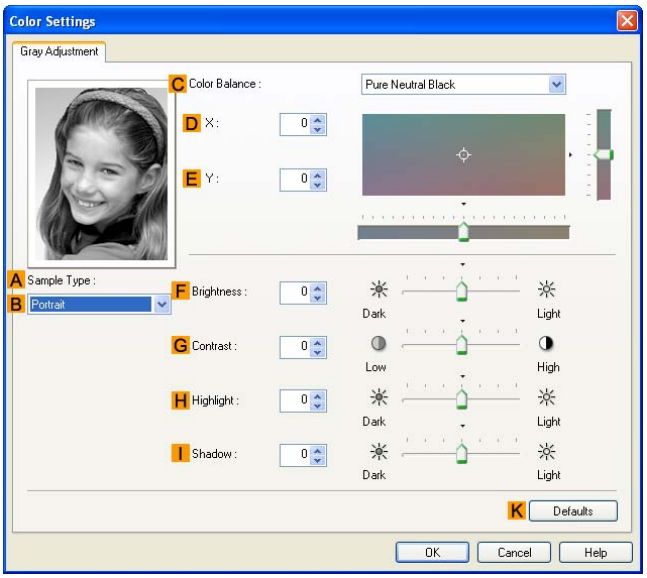
Setting Item	Description
A **Image**	Select this option to apply color adjustment to image areas, such as photos.
B **Graphics**	Select this option to apply color adjustment to graphics, such as lines and circles.
C **Text**	Select this option to apply color adjustment to text.

Gray Adjustment Sheet (Windows)

The following settings are available on the **Gray Adjustment** sheet.

Gray Adjustment

On the **Gray Adjustment** sheet, you can adjust the color balance, brightness, contrast, and other image qualities.



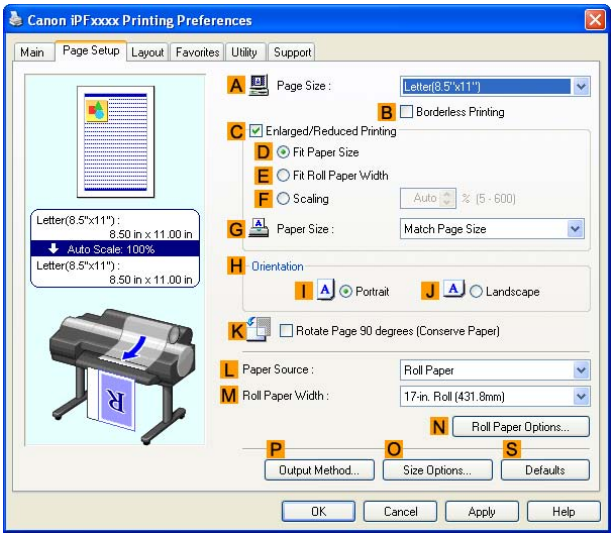
Note

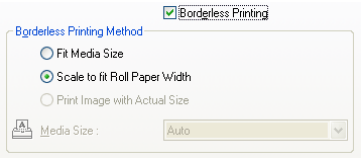
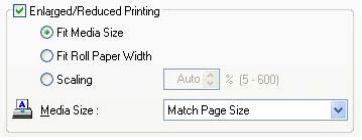
- To display the **Gray Adjustment** sheet, on the Main Sheet (Windows) (→P.394) , select **Monochrome (Photo)** by **Color Mode** in **Advanced Settings**, and then click **Color Settings**.
- **Monochrome (Photo)** is not available for all types of paper.

Setting Item	Description
A **Sample**	The image at left is updated to reflect any changes you make to setting items on the sheet, enabling you to check the results of adjustment.
B **Sample List**	Select a sample image, as desired.
C **Color Balance**	Click the list to select a color balance that suits the printing application.
D **X**	Adjust the color balance as you check the color tone in the adjustment area. You can adjust the square area in the center by clicking or dragging it. Drag the vertical or horizontal scroll bars for adjustment, as desired. You can click the arrows by the X (horizontal) and Y (vertical) boxes or enter the values directly.
E **Y**	
F **Brightness**	Adjust the overall image brightness as desired. You can adjust the brightness if the printed document is lighter or darker than the original image (that is, the original photo that was scanned or the original graphic as it appears on the computer screen).
G **Contrast**	Adjust the contrast of the darkest and lightest portions relative to each other, as desired. Increasing the **Contrast** makes images sharper, and reducing the **Contrast** softens images.
H **Highlight**	Adjust the brightness of the lightest portion.
I **Shadow**	Adjust the brightness of the darkest portion.
K **Defaults**	Click to restore all settings on the sheet to the default values.

Page Setup Sheet (Windows)

The following settings are available on the **Page Setup** sheet. For details on settings items, refer to the printer driver help file.

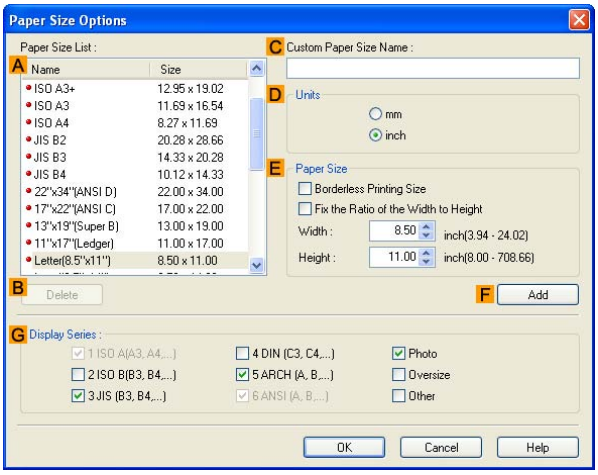


Setting Item		Description
A Page Size		Select the page size as specified in the source application. For details on available page sizes, see “Paper Sizes”. (→P.109)
B Borderless Printing 		Borderless printing is available if **Roll Paper** is selected in the **L Paper Source** list. Choose from the following options when this setting is activated. Borderless Printing on Paper of Equivalent Size (→P.266) Borderless Printing by Resizing Originals to Fit the Roll Width (→P.273) Borderless Printing at Actual Size (→P.259)
	D Fit Paper Size	Scales the document image to match the paper size.
	E Scale to fit Roll Paper Width	Scales the document image to match the roll width.
	F Print Image with Actual Size	Prints documents at their actual size. This function is available when you have selected the size same as the width of **Roll Paper** for either the length or width of the document from the **A Page Size** list.
	G Paper Size Available when **Fit Paper Size** is selected.	Choose the size of the paper you will print on. For details on available paper sizes, see “Paper Sizes”. (→P.109) Paper sizes compatible with borderless printing are shown in the list.
C Enlarged/Reduced Printing 		Choose from the following options when this setting is activated. Resizing Originals to Match the Paper Size (→P.229) Resizing Originals to Fit the Roll Width (→P.235) Resizing Originals by Entering a Scaling Value (→P.241)
	D Fit Paper Size	Scales the document image to match the paper size.
	E Fit Roll Paper Width	Scales the document image to match the roll width.
	F Scaling	Resizes the document image based on a specified scaling value. Enter a value in a range of “5-600.”
	G Paper Size	Choose the size of the paper you will print on. For details on available paper sizes, see “Paper Sizes”. (→P.109)

Setting Item	Description
H **Orientation**	Choose the printing orientation. Making the Original Orientation Match the Paper Orientation (→P.353)
K **Rotate Page 90 degrees (Conserve Paper)**	Activate this setting to rotate the document image by 90 degrees before printing. Conserving Roll Paper by Rotating Originals 90 Degrees (→P.333)
L **Paper Source**	Choose the feed source, as desired. Options displayed in the list vary depending on the selection in **Media Type** on the **Main** sheet.
M **Roll Paper Width**	Choose the roll width. For details on available roll widths, see “Paper Sizes”. (→P.109)
N **Roll Paper Options**	Complete optional roll paper settings. Click to display the **Roll Paper Options** dialog box.  Under A **Automatic Cutting**, you can specify **Yes** or **No** and **Print Cut Guideline**. Cutting Roll Paper After Printing (→P.363) Select B **Banner Printing** when printing multiple pages continuously. Printing Multiple Pages Continuously (→P.308)
P **Output Method**	Click to display the **Output Method** dialog box, which enables you to complete the **Output Method** and **Name of data to be saved** settings.
O **Size Options**	Click to display the **Paper Size Options** dialog box, which enables you to register additional paper sizes or select the size system for use.
S **Defaults**	Restores all settings on the sheet to the default values.

Paper Size Options Dialog Box (Windows)

In the **Paper Size Options** dialog box, you can create and register your own **Custom Paper Size**. The sizes you define are listed with standard paper sizes for selection later as needed.



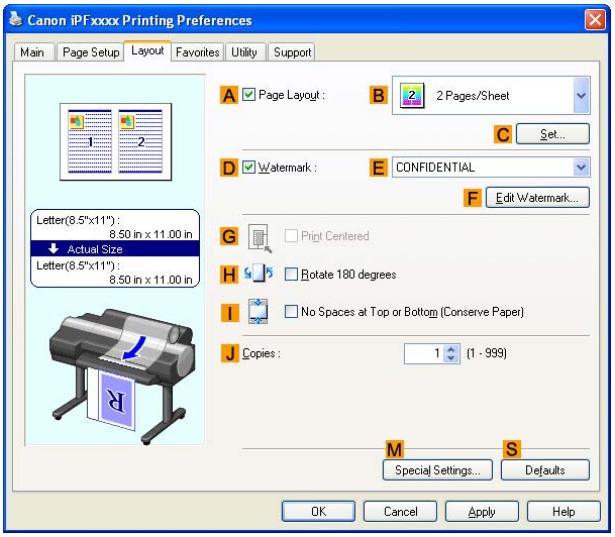
Note

- To display the **Paper Size Options** dialog box, on the **Page Setup** sheet, click **Paper Size Options**. (→P.410)

Setting Item	Description
A Paper Size List	Shows the names and sizes of paper that can be used with the printer driver.
B Delete	Custom paper sizes created by users can be deleted from the **Paper Size List**, as needed. However, they cannot be deleted in the following situations. • If a standard paper size of the printer driver is selected. • If an oversized paper size is selected. • If a paper size in a red box is selected.
C Custom Paper Size Name	You can name **Custom Paper Size** as desired.
D Units	Specify the desired unit of measure for the **Custom Paper Size** height and width.
E Paper Size	Specify the desired **Width** and **Height**. You can make your selection from sizes that are compatible with **Borderless Printing** by selecting **Borderless Printing Size**. To maintain the aspect ratio of the **Width** and **Height** as you resize the paper, select **Fix the Ratio of the Width to Height**.
F Add	Enables you to register the custom paper size you have specified or overwrite an existing custom paper size.
G Display Series	You can limit the number of options shown in **Page Size**, **Paper Size**, and **Paper Size List**.

Layout Sheet (Windows)

The following settings are available on the **Layout** sheet. For details on settings items, refer to the printer driver help.

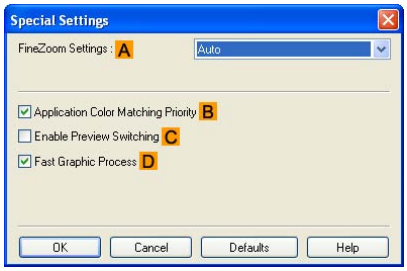


Setting Item		Description
A Page Layout		Activate this setting to select a particular page layout. Printing Multiple Pages Per Sheet (→P.313) Printing Posters in Sections (→P.319) Printing Multiple Originals Next to Each Other (→P.302) Using PosterArtist to Compose Originals (→P.427)
	C Set	Click to display one of the following dialog boxes depending on the selection in **A Page Layout**. In these dialog boxes, you can specify layout details and which pages to print, as well as other settings. • **Page Layout Printing** • **Pages to Print** • **Free Layout Settings**
D Watermark		Activating this option makes two settings available, **E Watermarks** and **F Edit Watermark**. Printing With Watermarks (→P.350)
	E Watermarks	Lists the provided watermarks. Choose the watermark to print.
	F Edit Watermark	Click to display the **Edit Watermark** dialog box for creating your own, original watermark.
G Print Centered		Activate this setting to print document images in the center of the paper. Printing Originals Centered on Rolls (→P.322) Printing Originals Centered on Sheets (→P.328)
H Rotate 180 degrees		Activate this option to rotate document images by 180 degrees before printing.
I No Spaces at Top or Bottom (Conserve Paper)		Activate this setting to print the next image skipping blank areas above and below printable data in documents, which enables you to conserve the paper. Conserving Roll Paper by Printing Originals Without Top and Bottom Margins (→P.339)
J Copies		Enter the number of copies to print, in a range of “1-999.”

Setting Item	Description
M **Special Settings**	If the printing results are not as you expected, click this option to change how printing is processed.
S **Defaults**	Click to restore all settings on the sheet to the default values.

Special Settings Dialog Box (Windows)

If the printing results are not as you expected, you can change how printing is processed in the **Special Settings** dialog box.



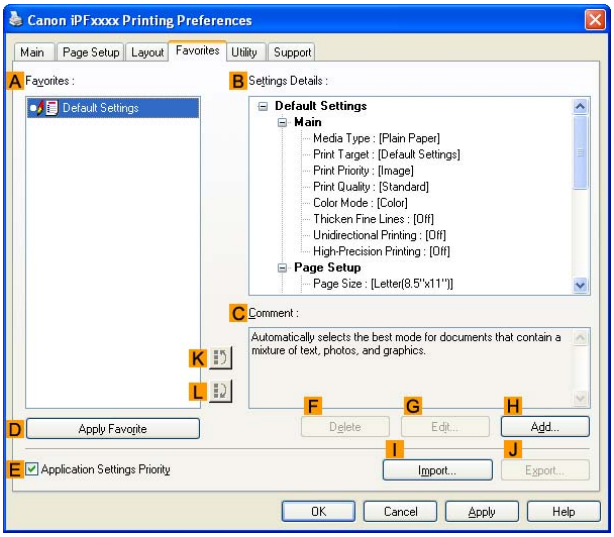
Note

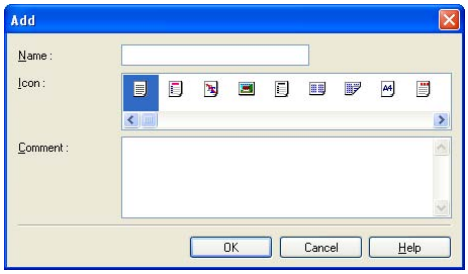
- To display the **Special Settings** dialog box, on the **Layout** sheet, click **Special Settings**. (→P.413)

Setting Item	Description
A **FineZoom Settings**	This function is used in large-format printing. Normally, choose **Auto**. If documents are not printed correctly on large-format media, it may help to select **Yes**, and if fine lines are not visible or if images are distorted when printed, it may help to select **No**.
B **Application Color Matching Priority**	You can give applications priority in color management.
C **Enable Preview Switching**	Selecting this option will start PageComposer if you print when **Open Preview When Print Job Starts** is selected on the **Main** sheet.
D **Fast Graphic Process**	If image colors are inconsistent in printed documents or if lines are printed in varying thicknesses, clearing this option may help produce the expected results.

Favorites Sheet (Windows)

The following settings are available on the **Favorites** sheet. For details on settings items, refer to the printer driver help.

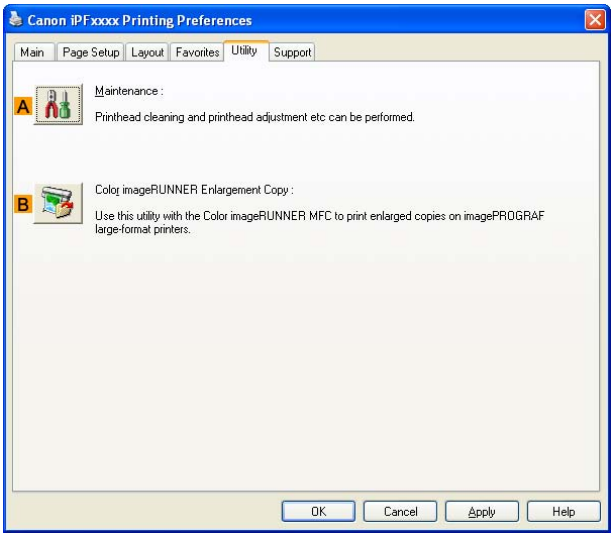


Setting Item	Description
A Favorites	Printing favorites you have created are listed with **Default Settings** favorites. Using Favorites (→P.359)
B Settings Details	Displays details of the favorite selected in the **A Favorites**.
C Comment	Displays notes registered in the favorite.
D Apply Favorite	Click to change the current print settings to those of the favorite selected in the **A Favorites**.
E Application Settings Priority	Activate this setting to use settings values specified in the source application in preference to favorite settings selected in the **A Favorites**, when clicking **D Apply Favorite**. For details on the settings items used in preference, refer to the printer driver help.
F Delete	Click to delete the selected favorite from the **A Favorites** list.
G Edit	Click to display the **Edit** dialog box, which enables you to change the name and icon for the favorite selected in the **A Favorites** list.
H Add	Click to display the **Add** dialog box, which enables you to add the current print settings as a favorite. 
I Import	Click to display the **Open** dialog box, which enables you to import favorite settings saved as a file.
J Export	Click to display the **Save As** dialog box, which enables you to save the favorite settings as a file.

Setting Item	Description
K **Up**	Click to move the selected favorite up in the A **Favorites** list.
L **Down**	Click to move the selected favorite down in the A **Favorites** list.

Utility Sheet (Windows)

The following settings are available on the **Utility**sheet. For details on the utilities, refer to the relevant utility help.

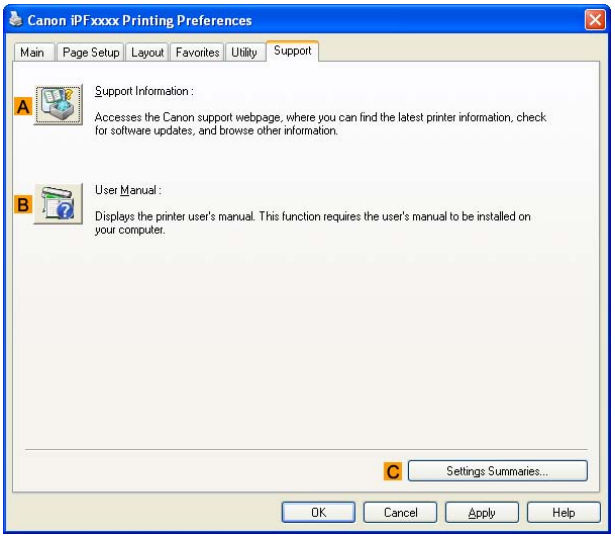


Button	Corresponding Utility
A **Maintenance**	Click to start the imagePROGRAF Status Monitor, which offers the following maintenance for the printer. • Nozzle (ink ejecting outlet) check • Nozzle (ink ejecting outlet) cleaning • Head alignment adjustment • Feed amount adjustment
B **Color imageRUNNER Enlargement Copy**	Click to launch Color imageRUNNER Enlargement Copy (*1) (iR enlargement copy), which enables you to create hot folders used for Color imageRUNNER Enlargement Copy and assign print settings to hot folders. Printing Enlargements of Scanned Originals from a Color imageRUNNER (Windows) (→P.198)

*1: For details, see Color imageRUNNER Enlargement Copy .

Support Sheet (Windows)

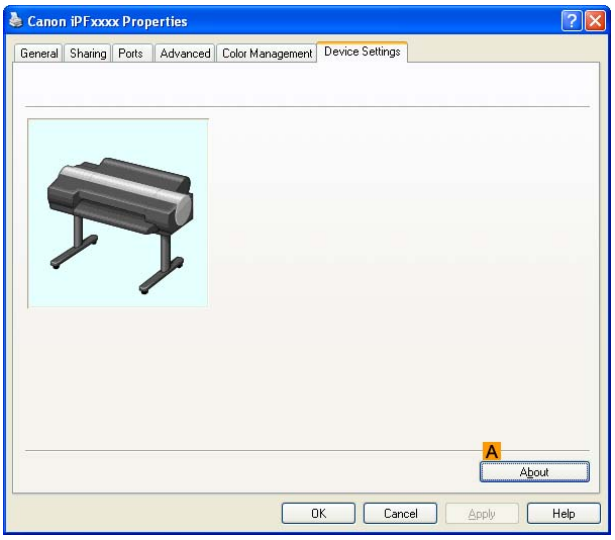
On the **Support** sheet, you can view support information and the user's manual.



Button	Corresponding Utility
A **Support Information**	Click to access the Canon support webpage, where you can find the latest information on the printer and consumables, check for printer driver updates, and browse other information.
B **User Manual**	Click to view the printer user's manual. This function requires the user's manual to be installed on your computer.
C **Settings Summaries**	Click to display the **View Settings** dialog box, which enables you to confirm the settings for the **Main**, **Page Setup**, **Layout**, and **Favorites** sheets.

Device Settings Sheet (Windows)

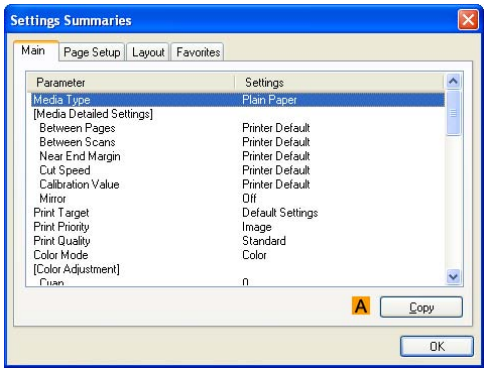
Many settings items on the printer properties sheets are controlled by Windows applications. However, the **Device Settings** sheet is for configuring the printer, and it is an extension of the printer driver.
The following settings are available on the **Device Settings** sheet.



Setting Item	Description
A **About**	You can display version information for the printer driver.

Settings Summaries Dialog Box (Windows)

The **Settings Summaries** dialog box enables you to confirm the settings for the **Main**, **Page Setup**, **Layout**, and **Favorites** sheets.



Button	Corresponding Utility
A **Copy**	Click to copy the settings information to the clipboard. You can paste the settings information into a file created with a text editor or similar application.

Printing Adobe RGB Images (Windows)

This topic describes how to print Adobe RGB images based on the following example.

- Document: Adobe RGB image created in Photoshop
- Page Size: 10×12 inches (254.0×304.8 mm)
- Paper: Roll
- Paper type: Glossy Photo Paper
- Roll Paper Width: 10 inches (254.0 mm)

Important

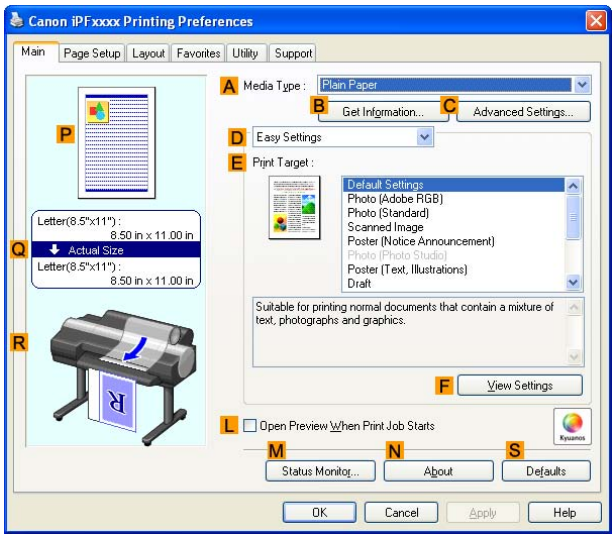
- In Photoshop, select no color-matching.
- In the printer driver settings, select **Driver Matching Mode** and choose **Adobe RGB** in **Color Space**.

1. In Photoshop, create an image in the Adobe RGB color space.

   Note

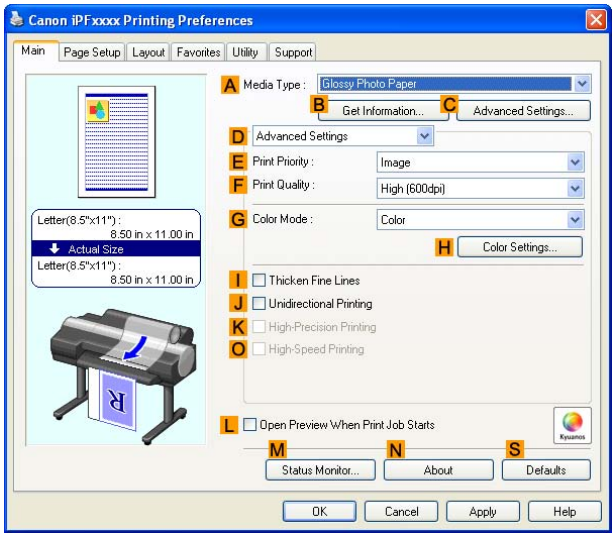
   - The following procedures are based on the example of Photoshop CS2.
   - For instructions on creating Adobe RGB images, refer to the Photoshop documentation.

2. Choose **Print with Preview** from the **File** menu to display the **Print** dialog box.
3. Make sure the setting mode is **Color Management**.
4. In the **Color Handling** list in **Options**, click **No Color Management**.
5. Click **Print** to display the **Print** dialog box.
6. Select the printer and click **Properties** to display the printer driver dialog box.
7. Make sure the **Main** sheet is displayed.



8. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Glossy Photo Paper.

9. Click **D** **Advanced Settings** to switch the print mode.

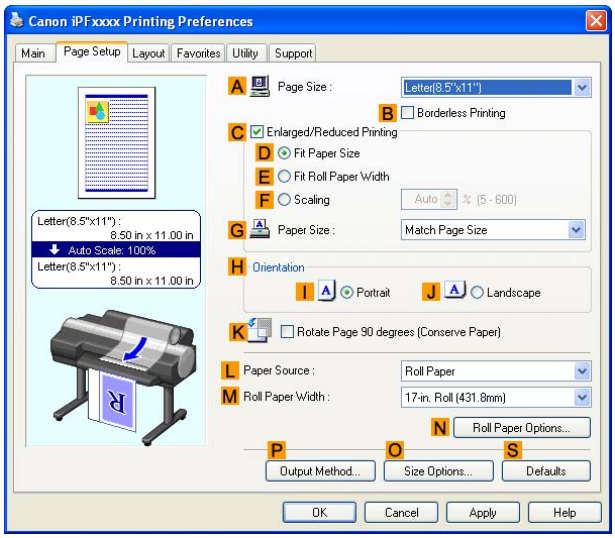


10. Click **Image** in the **E** **Print Priority** list.
11. Select the print quality in the **F** **Print Quality** list.

Note

- Options displayed in the **F** **Print Quality** list vary depending on the paper type.

12. Click **Color** in the **G** **Color Mode** list.
13. Click **H** **Color Settings** to display the **Color Settings** dialog box.
14. Click the **Matching** tab to display the **Matching** sheet.
15. In **Matching Mode**, click **Driver Matching Mode**.
16. In **Color Space**, click **Adobe RGB**.
17. Click **OK** to close the **Color Settings** dialog box.
18. Click the **Page Setup** tab to display the **Page Setup** sheet.



19. In the **A** **Page Size** list, click the size of the original as specified in the source application.
    In this case, click **10"x12"**.
20. Click **Roll Paper** in the **L** **Paper Source** list.

21. Select the width of the loaded roll in the **Roll Paper Width** list. In this case, click **10-in. Roll (254.0mm)**, and then click **OK**.
22. Confirm the print settings and print as desired.

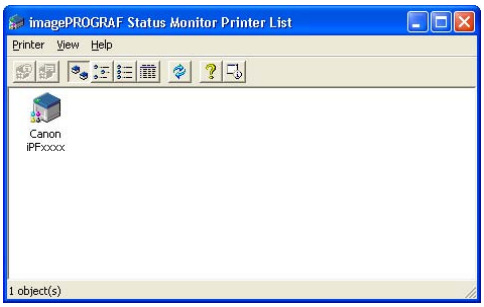

Note

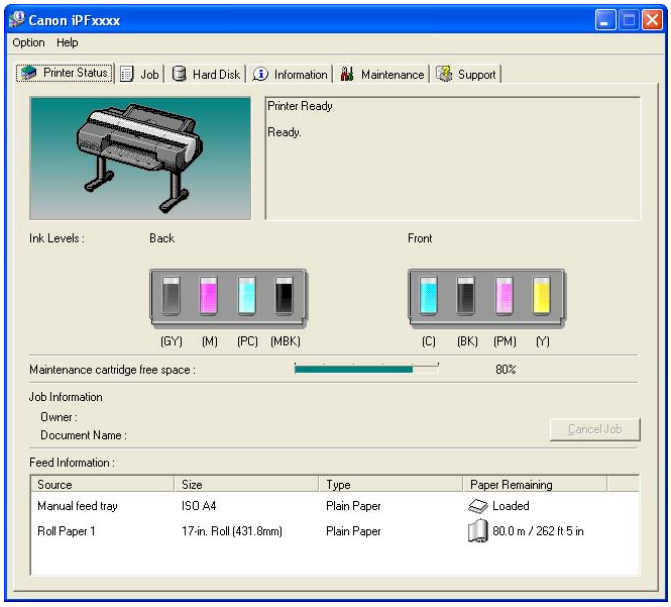
- For tips on confirming print settings, see “Confirming Print Settings (Windows)”. (→P.384)

Status Monitor

imagePROGRAF Status Monitor (Windows)

imagePROGRAF Status Monitor is a utility for checking the printer status and managing print jobs.
Two screens are available in imagePROGRAF Status Monitor : “Printer List” shows a list of printers, and “Status Monitor” shows details for each printer.





- You can view a list of the printers for which printer drivers have been installed on your computer, printers connected to your computer, and printers found on the network.
- Printer status can be checked in real time on a computer monitor.
- If a printer error occurs, you can investigate the corrective action immediately.
- Images of Ink Tanks are shown, with different images for various types of ink. An icon and warning message will notify you when ink levels are low.
- The type of paper loaded in each media source is identified. You can also check to see if paper has run out.
- This way, the utility enables you to check printer information and take care of printer maintenance for optimal printing results.
- You can also set up automatic email notification of any printer problems or errors to email addresses you designate in advance.

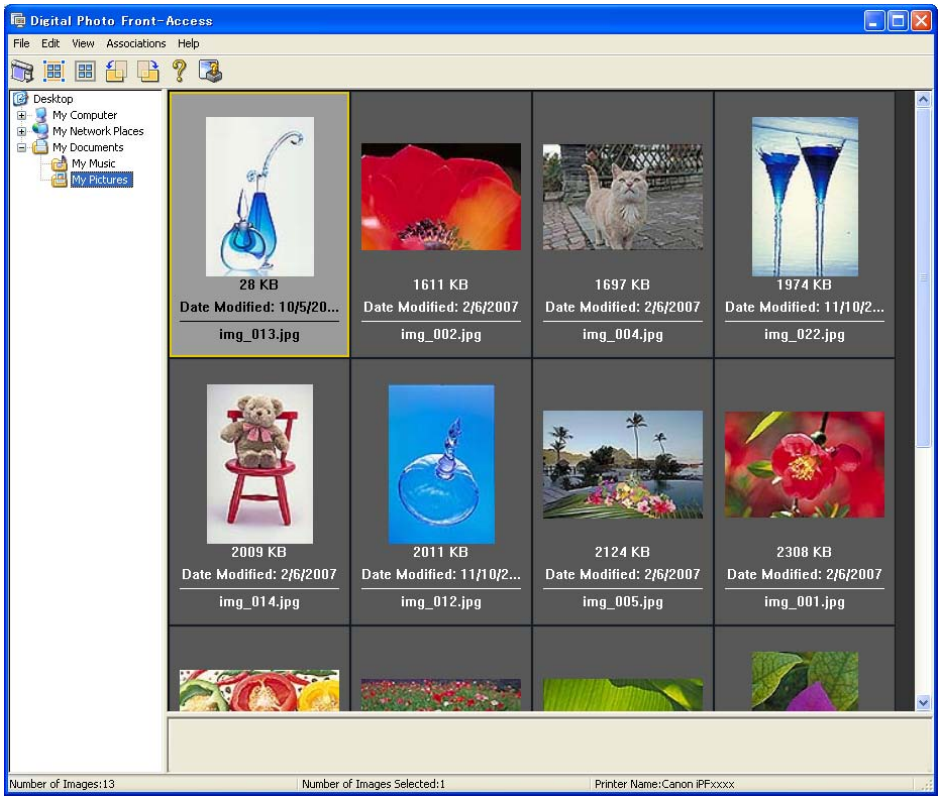
Note

- For details, refer to the imagePROGRAF Status Monitor help.

Digital Photo Front-Access

Digital Photo Front-Access

Digital Photo Front-Access is an application that links photos from Canon digital cameras and other image files on your computer with various other applications.



- Simply select an image and click the icon of the application you want to start to launch the application.
- You can also print from Digital Photo Front-Access. In short, Digital Photo Front-Access can help you manage images in many ways from editing to printing as an effective way to work with other applications.
- Digital Photo Front-Access also enables image retouching. For automatic retouching, select an image for retouching and click Image Adjustment.
- Because this application automates the workflow from retouching to display for all of your images, it can save time and work in retouching.

Note

- For details, refer to the Digital Photo Front-Access help.

PosterArtist

Using PosterArtist to Compose Originals

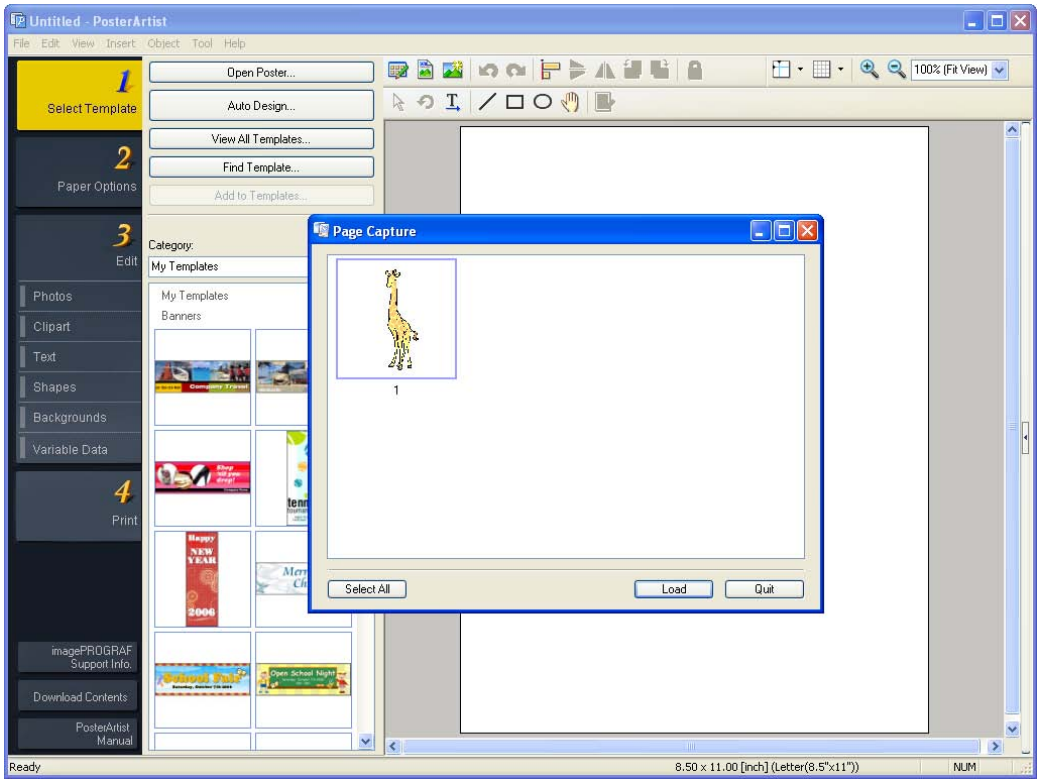
You can print a variety of source documents from word-processing or spreadsheet programs or screen shots from web browsers after composing an original with them using PosterArtist.

Important

- PosterArtist (sold separately) must be installed to use this function.

Edit Using PosterArtist

PosterArtist offers a wide range of features, including features to insert source documents in posters and compose an original with them.



Important

- This function is only supported in Windows.

For detailed instructions on editing with PosterArtist, refer to the following topic:

- Using PosterArtist to Compose Originals (Windows) (→P.428)

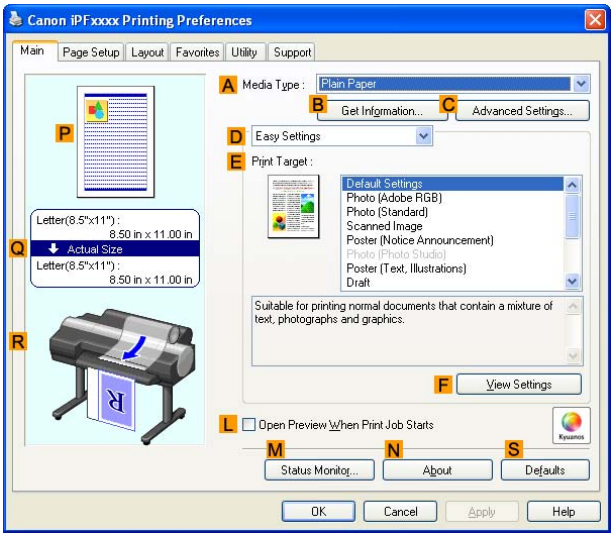
Using PosterArtist to Compose Originals (Windows)

This topic describes how to use PosterArtist to compose originals from multiple applications, creating a poster layout for printing.

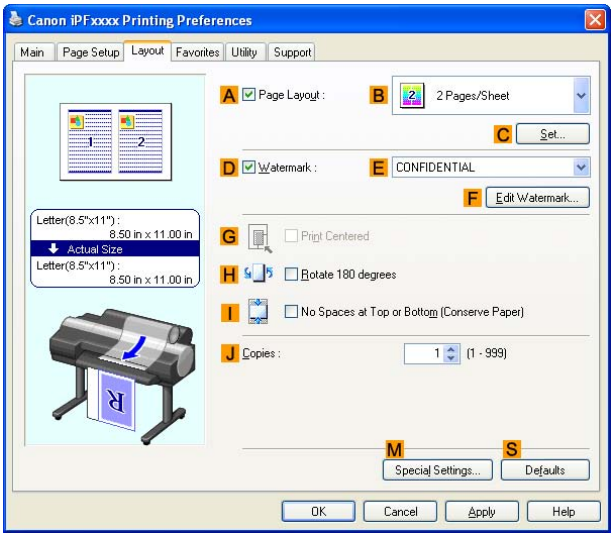
Important

- PosterArtist (sold separately) must be installed to use this function.

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then open the printer driver dialog box. (→P.390)
3. Make sure the **Main** sheet is displayed.



4. Click the **Layout** tab to display the **Layout** sheet.



5. Select the A **Page Layout** check box.
6. Click in the **Edit Using PosterArtist** in the B **Page Layout** list.
7. When you attempt to print, PosterArtist starts up and the PageCapture window is displayed. (At this point, the document will not be printed yet.)
8. Choose the page to load in PosterArtist.

9. Edit and rearrange the image in the PosterArtist window as desired.


Important

- Without closing the PosterArtist window, repeat steps 1-8 to arrange originals from multiple applications on the same page.


Note

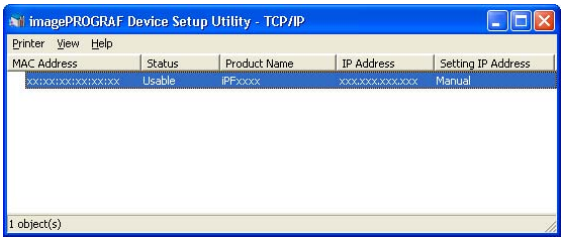
- For instructions on editing and rearranging images, refer to the PosterArtist Manual.

10. Print from the PosterArtist menu.

Device Setup Utility

imagePROGRAF Device Setup Utility

imagePROGRAF Device Setup Utility is a utility to establish communication between the printer and your computer by completing relevant settings. After the printer is installed, for example, you can use imagePROGRAF Device Setup Utility to complete the network settings initially.



- Starting imagePROGRAF Device Setup Utility will show a list of printers found on the network. In this list, select the printer (specifically, the printer's MAC address) that you want to set up, and then configure the basic settings from your computer, such as the printer's IP address and the network frame type.
- You can see which printers are online in the network by checking the printer list. Communication between your computer and these printers is possible.

Note

- We recommend that your network or printer administrator complete the setup work using imagePROGRAF Device Setup Utility.
- For details, refer to the imagePROGRAF Device Setup Utility help.

Installing imagePROGRAF Device Setup Utility

Install imagePROGRAF Device Setup Utility from the User Software CD-ROM provided with the printer as follows:

Important

- In Windows 2000/Windows XP/Windows Server 2003/Windows Vista/Windows Server 2008, you must log on with administrative rights equivalent to the “Administrator” account.

1. Insert the User Software CD-ROM in the CD-ROM drive.
2. On the **Setup Menu** window, click **Install Individual Software**.
3. Click **Install** in imagePROGRAF Device Setup Utility.
4. Follow the instructions on the screen to proceed with the installation.

Configuring the IP Address Using imagePROGRAF Device Setup Utility

From a computer running Windows, you can use imagePROGRAF Device Setup Utility provided with the printer to configure the printer's IP address. This topic describes how to configure the IP address using imagePROGRAF Device Setup Utility.

Important

- To configure network settings, you must be logged in with administrative rights such as "Administrator" account. We recommend that your network administrator configure the network settings.
- For instructions on installing imagePROGRAF Device Setup Utility, see "Installing imagePROGRAF Device Setup Utility". (→P.431)

1. Start imagePROGRAF Device Setup Utility from the **start** menu.
2. In the **Product Name** list displayed, select the printer to configure.
3. Choose **Protocol Settings** from the **Printer** menu.
4. In the **Setting IP Address** list, choose **Manual**.
5. Enter the IP address assigned to the printer and click the **Set** button.
6. Click **OK** after the **Confirmation** message dialog box is displayed.
7. Exit imagePROGRAF Device Setup Utility.

Note

- To configure the IP address automatically, choose **Auto** in the **Setting IP Address** list and select **DHCP**, **BOOTP**, or **RARP**.
- You can also specify the subnet mask and default gateway.

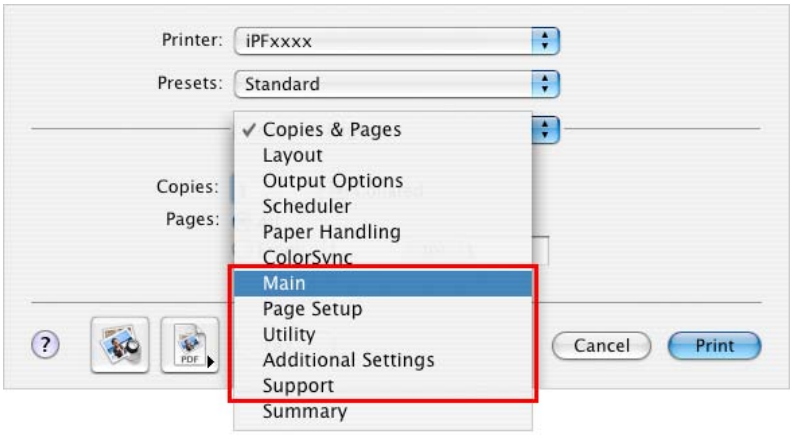
Mac OS X Software

Printer Driver

Printer Driver Settings (Mac OS X)

For instructions on accessing the Mac OS X printer driver, refer to the following topics.

- Accessing the Printer Driver Dialog Box from Applications (Mac OS X) (→P.440)



For information on the Mac OS X printer driver settings, refer to the following topics.

- Main Pane (Mac OS X) (→P.441)

  You can specify the media type, color processing, print quality, print preview, and other settings. Choose **Easy Settings** to specify basic print settings based on the printing application or **Advanced Settings** to complete more detailed settings as desired.

  - Paper Detailed Settings Dialog Box (Mac OS X) (→P.445)
  - View Settings Dialog Box for the Printing Application (Mac OS X) (→P.446)
  - Color Settings Pane: Color (→P.447)
  - Matching Pane (→P.449)
  - Color Settings Pane: Monochrome (Mac OS X) (→P.455)
  - Gray Adjustment Pane (Mac OS X) (→P.456)
- Page Setup Pane (Mac OS X) (→P.457)

  You can specify the page size of the original, borderless printing, enlargement or reduction, the orientation, the paper size and source, and automatic cutting.
- Utility Pane (Mac OS X) (→P.459)

  You can specify settings related to maintenance for the Printhead and feed amount, as well as settings for **Color imageRUNNER Enlargement Copy**.
- Additional Settings Pane (Mac OS X) (→P.460)

  You can specify settings for how print jobs are sent to the printer.
- Support Pane (Mac OS X) (→P.461)

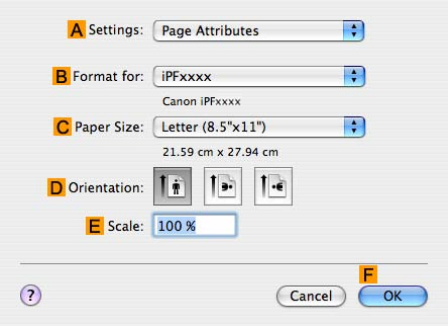
  You can view support information and the user's manual.

With the **imagePROGRAF Free Layout** feature, you can arrange originals from various source applications on a single page before printing. For details, see the Free Layout Guide .
With the **imagePROGRAF Preview** feature, you can check the layout before printing and adjust layout or size settings while viewing a preview screen. For details, see the imagePROGRAF Preview Guide .
With the **Color imageRUNNER Enlargement Copy** feature, you can automatically enlarge and print scanned originals from a **Color imageRUNNER**. For details, see the Color imageRUNNER Enlargement Copy Guide .

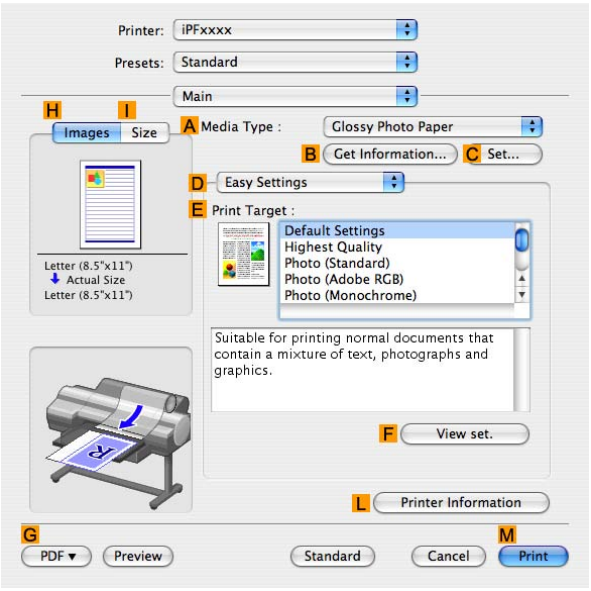
Specifying Paper in the Printer Driver (Mac OS X)

If you have replaced the paper, you must complete the following settings in the printer driver.

1. Choose **Page Setup** from the application menu to display the **Page Attributes** dialog box.

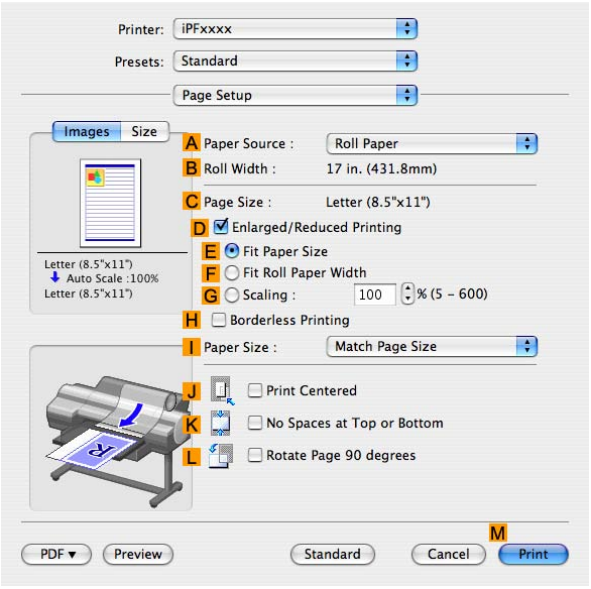


2. Select the printer in the **B Format for** list.
3. Choose the original size in the **C Paper Size** list.
4. Click **F OK** to close the dialog box.
5. Choose **Print** in the application menu.
6. Access the **Main** pane.



7. In the **A Media Type** list, select the type of paper that is loaded.

8. Access the **Page Setup** pane.

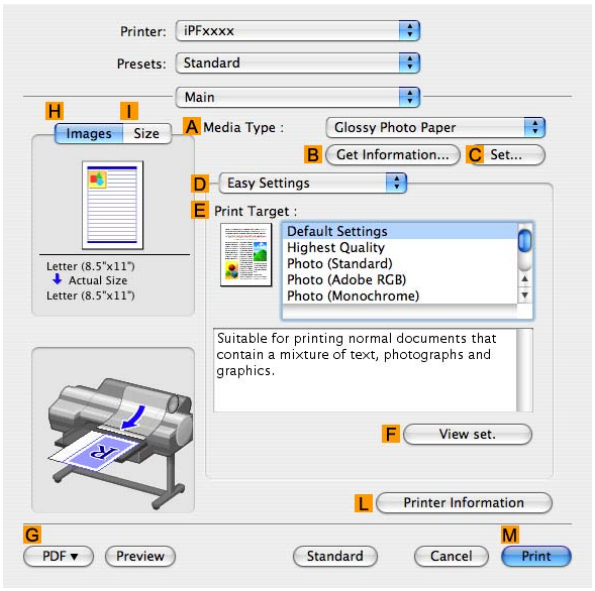


9. In the **A Paper Source** list, select how paper is supplied.

10. If you have selected **Cut Sheet** or **Manual** in **A Paper Source**, make sure the size as selected in **Page Setup** is displayed in **C Page Size**. If you have selected **Roll Paper** in **A Paper Source**, make sure the width of the loaded roll is displayed in **B Roll Paper Width**.

Note

- If the width of the roll loaded in the printer is not shown in **B Roll Paper Width**, click **L Printer Information** on the **Main** pane to update the printer information.



Note

- A variety of settings are available in the printer driver to suit different printing applications.
  For details on available printing conditions, see “Printer Driver Settings (Mac OS X)”. (→P.433)

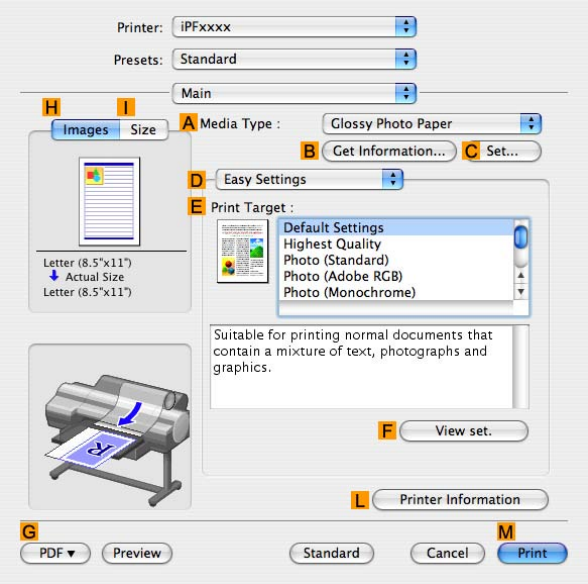
Confirming Print Settings (Mac OS X)

There are two ways to confirm what printing conditions have been specified, as follows.

- Checking a preview of the settings (→P.436)
- Checking a print preview (→P.437)

Checking a preview of the settings

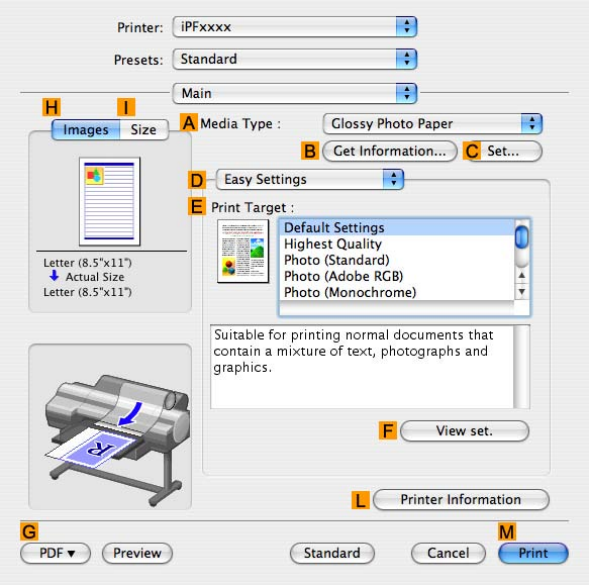
A preview of the settings is displayed on the left side of the **Main**, **Page Setup**, **Utility**, and **Additional Settings** panes.By checking images and numerical values in the preview, you can confirm current settings for the page size, orientation, paper source, and so on.



Display Area	Information Displayed
Pane displayed when the H **Images** tab is clicked	On top, illustrations indicate the page size of the original, the paper size, orientation, layout, borderless printing selection, color mode, and other settings information. Under this, the page size, paper size, and method and percentage of enlargement or reduction is displayed.
Pane displayed when the I **Size** tab is clicked	Paper size details are indicated numerically.
Pane with printer and paper illustrations	Illustrations indicate the paper source, orientation, borderless printing selection, and other settings information.

Note

- To confirm the **Print Target** specified in **Easy Settings**, click **F View set.** on the **Main** pane to display the **View settings** dialog box.



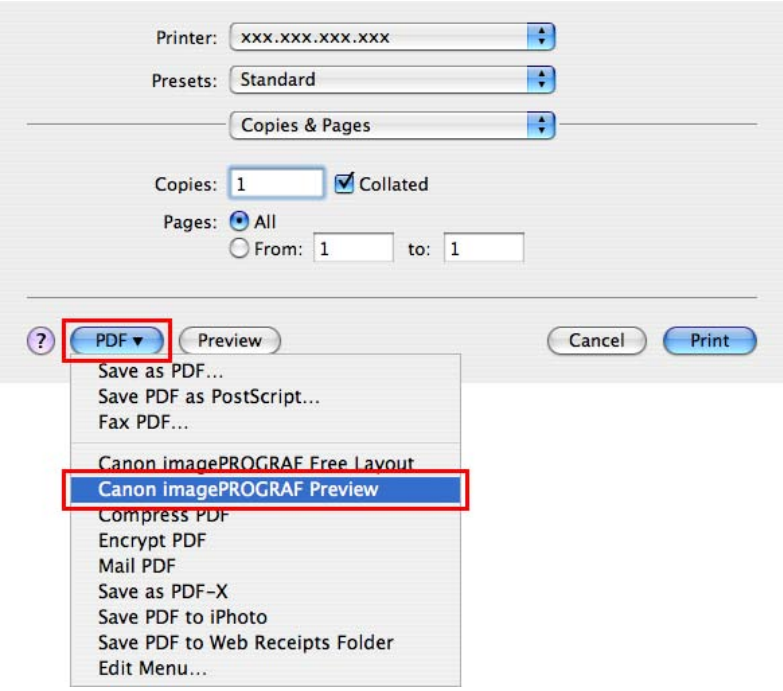
Checking a print preview

You can check an image of the original just as it will be printed.
Confirming the image of print jobs beforehand helps prevent printing errors.
For details on print previews, see “Checking the Layout in a Preview Before Printing”. (→P.345)

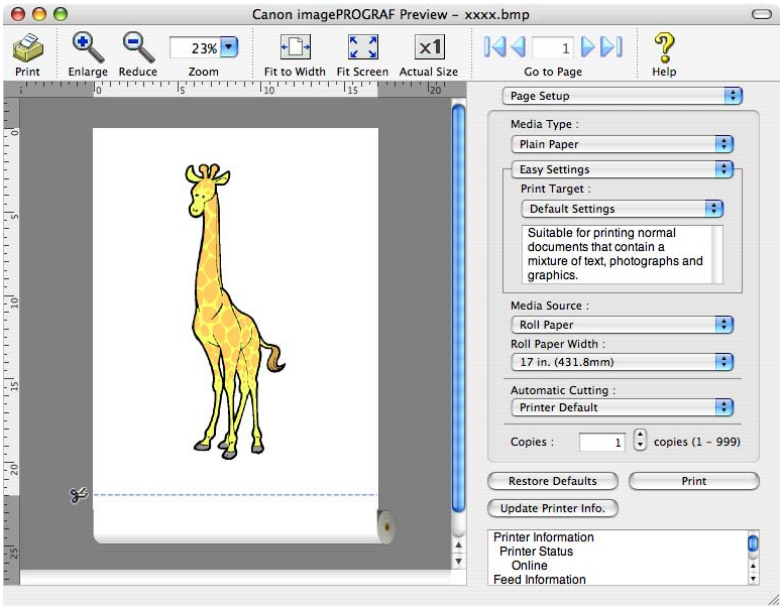
Checking the Layout in a Preview Before Printing (Mac OS X)

This topic describes how to check the layout before printing using the **Preview** function.

1. Choose **Print** in the application menu.
2. Click **PDF** and select **Canon imagePROGRAF Preview**.



3. The **Canon imagePROGRAF Preview** window is displayed.



4. Check the layout and adjust settings in the **Canon imagePROGRAF Preview** window as desired.
5. Print from the **Canon imagePROGRAF Preview** menu.

Note

- For details on **imagePROGRAF Preview** functions, refer to imagePROGRAF Preview Guide .

Using Favorites (Mac OS X)

You can use the **Presets** function in Mac OS X for favorite-based printing.


Note

- In the printing dialog box, click **Save As** in the **Presets** list to save the current print settings. This is a standard feature of the operating system. For details, refer to the Mac OS documentation.

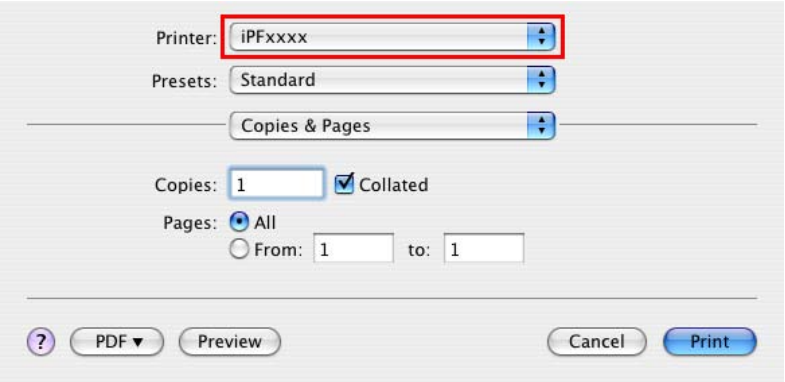
Accessing the Printer Driver Dialog Box from Applications (Mac OS X)

1. In the application software, select **Print** from the **File** menu to display the dialog box for printing conditions.

   Note

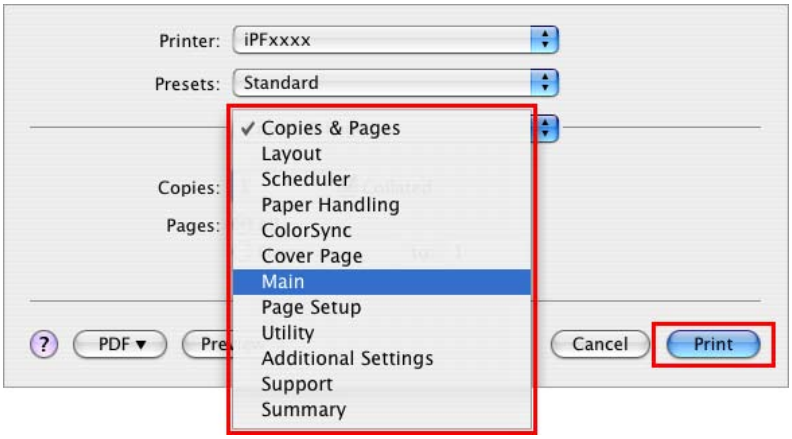
   - This dialog box includes basic printing options and enables you to choose the printer, specify the range of pages, number of copies, and so on.

2. Select the printer in the **Printer** list.



3. Click **Print** to start printing.

   As shown in the following illustration, you can switch to other panes in this dialog box to complete settings for various methods of printing, including enlarged and reduced printing, borderless printing, and so on.



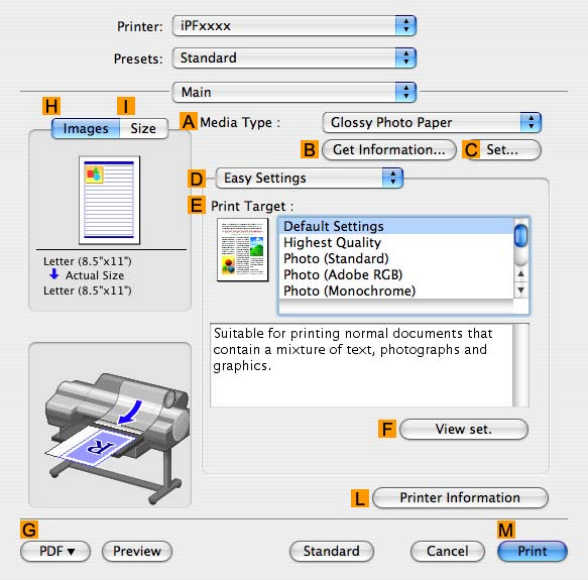
Main Pane (Mac OS X)

The following settings are available on the **Main** pane. For details on settings items, refer to the printer driver help file.

Note

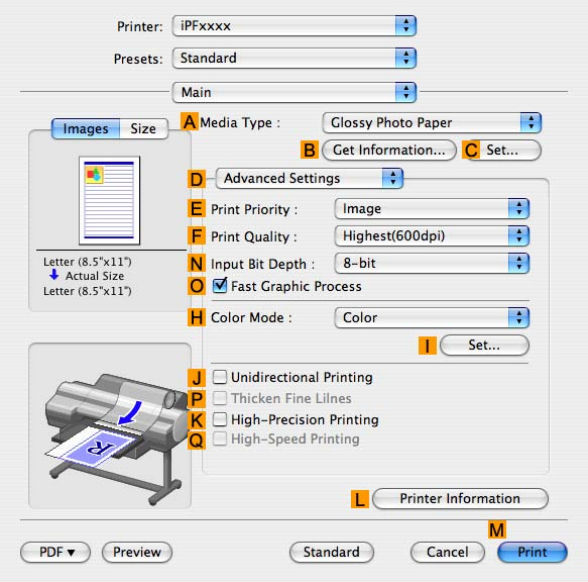
- On the **Main** pane, choose **Easy Settings** to specify basic print settings based on the print target, or switch to **Advanced Settings** to complete more detailed settings as desired.

Configuration using Easy Settings



Setting Item		Description
A Media Type		Select the type of paper. For information on the types of paper the printer supports, refer to the Paper Reference Guide. (→P.104)
	B Get Information	Click to display the **Get Information** dialog box, which shows the types of paper specified on the printer for each feed source. When you select a feed source, your selection is applied to the printer driver settings for the feed source and type of paper.
	C Set	Click to display the **Paper Detailed Settings** dialog box for ink drying time and other detailed settings based on the type of paper.
E Print Target		Choose presets that match the type of document to be printed. Printing Photos and Images (→P.162) Printing Line Drawings and Text (→P.187) Printing Office Documents (→P.193)
	F View set.	Click to display the **View settings** dialog box, which enables you to confirm the settings for the selected item from the **E Print Target** list or change the order of items listed in **E Print Target**.
L Printer		Click to display the **Printer** dialog box, which indicates the ink levels and gives other information about the printer.

Configuration using Advanced Settings

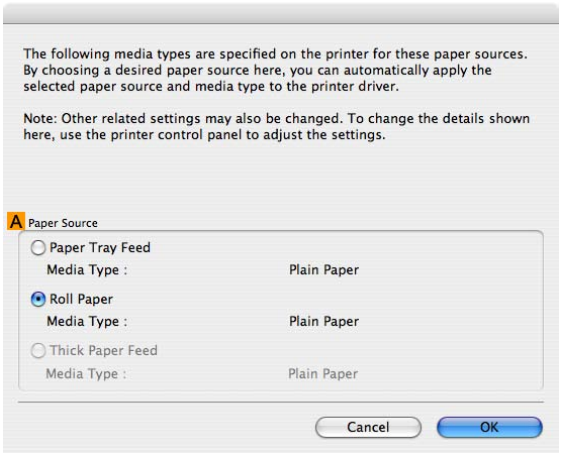


Setting Item		Description
A Media Type		Select the type of paper. For information on the types of paper the printer supports, refer to the Paper Reference Guide. (→P.104)
	B Get Information	Click to display the **Paper Information on Printer** dialog box, which shows the types of paper specified on the printer for each feed source. When you select a feed source, your selection is applied to the printer driver settings for the feed source and type of paper.
	C Set	Click to display the **Paper Detailed Settings** dialog box for ink drying time and other detailed settings based on the type of paper.
E Print Priority		Choose the graphic elements that you want to emphasize for printing. Giving Priority to Particular Graphic Elements and Colors for Printing (→P.212)
F Print Quality		Choose the level of print quality. Giving Priority to Particular Graphic Elements and Colors for Printing (→P.212)
N Input Bit Depth		Choose the levels of gradation in print data, either **8-bit** or **16-bit**. Optimal results when printing data with rich gradation are possible by choosing **16-bit**. For example, this option is particularly suited to printing images created after specifying 16 bits per channel in Photoshop.
O Fast Graphic Process		Select this option to print faster than usual, when possible.
H Color Mode		Choose the color mode. Giving Priority to Particular Graphic Elements and Colors for Printing (→P.212)
	I Set	Click to display the **Color Settings** dialog box for more advanced color settings. Adjusting the Color in the Printer Driver (→P.203)
J Unidirectional Printing		Although unidirectional printing is slower, it can help prevent misaligned lines and ensure better results.
P Thicken Fine Lines		Activate this option to print fine lines more distinctly.

Setting Item	Description
K **High-Precision Printing**	Select this option for printing at the highest level of quality. However, this takes more time than regular printing.
Q **High-Speed Printing**	Select this option for printing at the highest speed. Printing in this mode is faster and consumes less ink, but the printing quality is lower.
L **Printer**	Click to display the **Printer** dialog box, which indicates the ink levels and gives other information about the printer.

Paper Information on Printer Dialog Box (Mac OS X)

On the **Paper Information on Printer** dialog box, you can obtain information on the paper in the printer and configure printer driver media type setting.



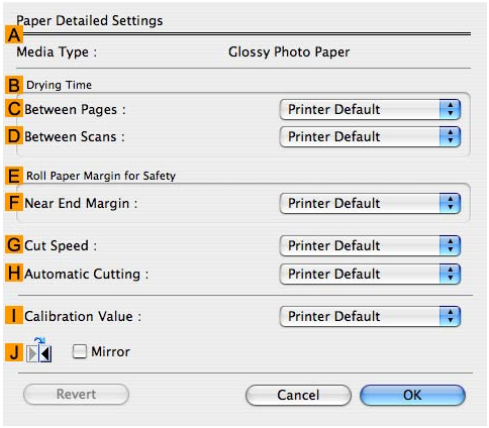
Note

- To display the **Paper Information on Printer** dialog box, on the **Main** pane, click **Get Information** by **Media Type**. (→P.441)

Setting Item	Description
A **Paper Source**	Shows the **Paper Source** supported by the printer, as well as the type of paper loaded. To update the media type setting in the printer driver, select the desired **Paper Source** option and click **OK**.

Paper Detailed Settings Dialog Box (Mac OS X)

The **Paper Detailed Settings** dialog box offers the following settings. For details on settings items, refer to the printer driver help.



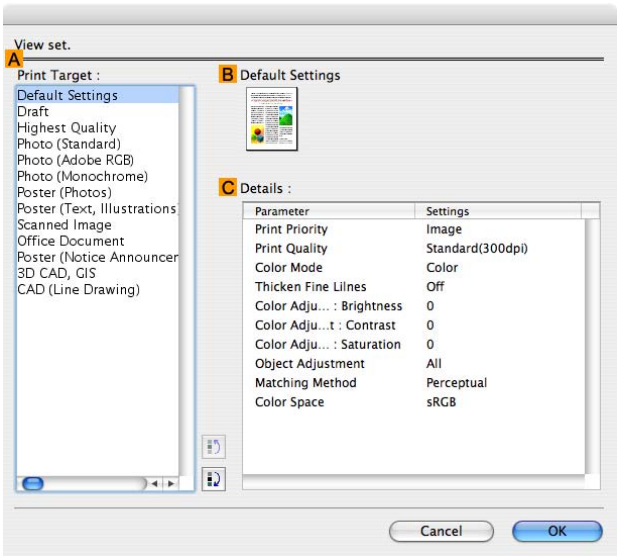
Note

- To display the **Paper Detailed Settings** dialog box, on the **Main** pane, click **Settings** by **Media Type**. (→P.441)

Setting Item		Description
A Media Type		Select the paper type. For information on the types of paper the printer supports, refer to the Paper Reference Guide. (→P.104)
B Drying Time		Specify the time that the printer waits for ink to dry, as needed. The **Drying Time** setting is only valid for rolls. (→P.130)
	C Between Pages	Specify the time the printer waits after printing a page until ejecting the paper, as needed.
	D Between Scans	Specify the time the printer waits after printing a line on the page until printing the next line, as needed.
E Roll Paper Margin for Safety		You can specify the length of a margin on the leading edge of paper to ensure that paper susceptible to curling is held firmly against the Platen.
	F Near End Margin	Specify the length of the **Near End Margin** (the leading edge margin) of the roll, as needed.
G Cut Speed		Select the speed of automatic cutting, as needed. You can adjust this setting if paper is not cut well when automatic cutting is used.
H Automatic Cutting		You can activate or deactivate **Automatic Cutting** and printing of cut lines, as desired. In this list, specify **Yes**, **No**, or **Print Cut Guideline**.
I Calibration Value		You can specify whether to apply the results of calibration performed on the printer to image processing.
J Mirror		Specify whether to print a mirror image, as needed. Select this option to print a version of the document or image with the left and right sides inverted.

View Settings Dialog Box for the Printing Application (Mac OS X)

In the **View Settings** dialog box, you can check details of the selected printing application.



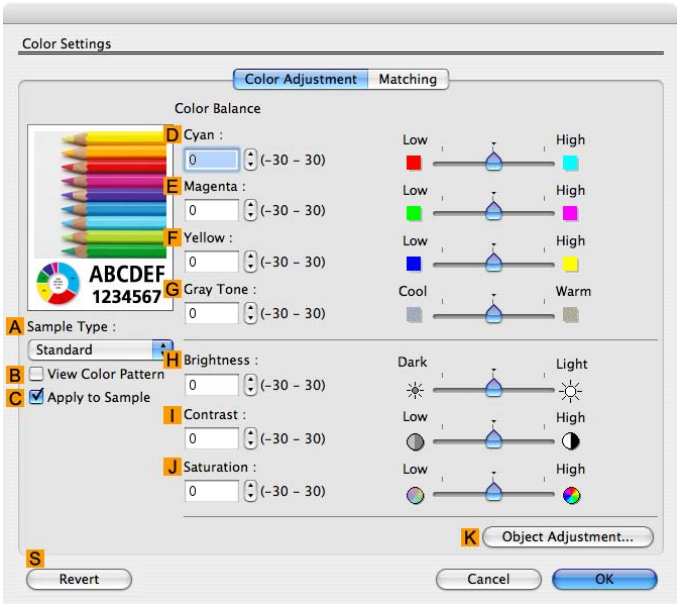
Note

- To display the **View Settings** dialog box, on the **Main** pane, click **View Settings** by **Print Target**. (→P.441)

Setting Item	Description
A **Print Target**	Shows all **Print Target** options (settings items for the printing application).
B **Name**	Identifies the item selected in **Print Target** by its name and an icon.
C **Details**	Here, you can confirm detailed settings values for each item selected in the **Print Target** list.

Color Settings Pane: Color

If the color tone as printed is not as you expected, you can adjust it on the **Color Adjustment** pane.



Note

- To display the **Color Adjustment** pane, on the **Main** pane click **Color Settings** by **Color Mode** in **Advanced Settings**. (→P.441)

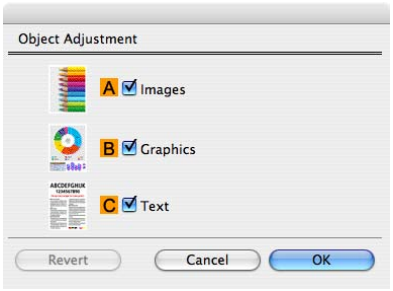
Setting Item	Description
A **Sample Type**	Choose a sample image from **Standard**, **Portrait**, **Landscape**, or **Graphics**.
B **View Color Pattern**	Clicking to select this check box will display the color pattern.
C **Apply to Sample**	Clicking to select this check box will apply the revised settings to the sample image.
D **Cyan**	Fine-tune color tones by adjusting the levels of each color.
E **Magenta**	
F **Yellow**	
G **Gray Tone**	Adjust the color tone of grays as desired. Choose **Cool Black** (tinged with blue) or **Warm Black** (tinged with red).
H **Brightness**	Adjust the overall image brightness as desired. You can adjust the brightness if the printed document is lighter or darker than the original image (that is, the original photo that was scanned or the original graphic as it appears on the computer screen).
I **Contrast**	Adjust the contrast of the darkest and lightest portions relative to each other, as desired. Increasing the **Contrast** makes images sharper, and reducing the **Contrast** softens images.
J **Saturation**	Adjust the color intensity as desired. Increasing the **Saturation** setting makes colors more vivid, and reducing the **Saturation** makes colors more subdued.
K **Object Adjustment**	Choose **Images**, **Graphics**, or **Text** as the object of adjustment.

Note

- For details on settings items, see “Adjusting the Color in the Printer Driver”. (→P.203)

Object Adjustment dialog box

In the **Object Adjustment** dialog box, you can specify what type of print jobs to apply color adjustment to. If an original comprises images, graphics, and text, you can specify which portion to apply color adjustment to.



Note

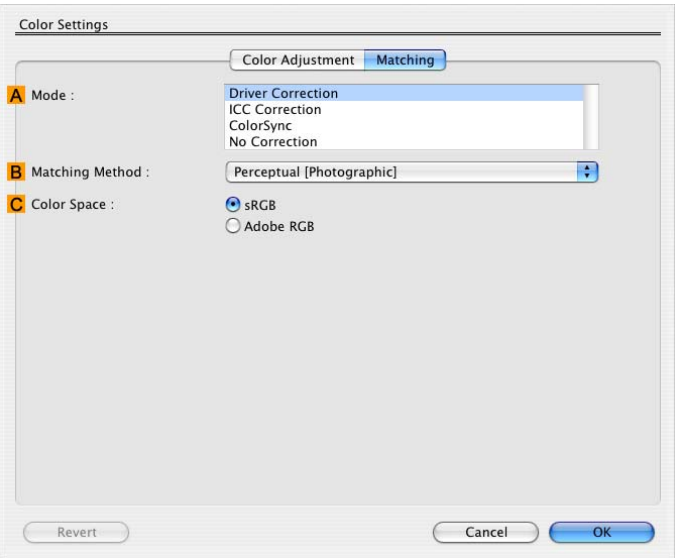
- To display the **Object Adjustment** dialog box, click **Object Adjustment** on the **Color Adjustment** panel.

Setting Item	Description
A **Images**	Select this option to apply color adjustment to image areas, such as photos.
B **Graphics**	Select this option to apply color adjustment to graphics, such as lines and circles.
C **Text**	Select this option to apply color adjustment to text.

Matching Pane

On the **Matching** pane, you can specify color matching to compensate for differences in the appearance of colors on various devices.

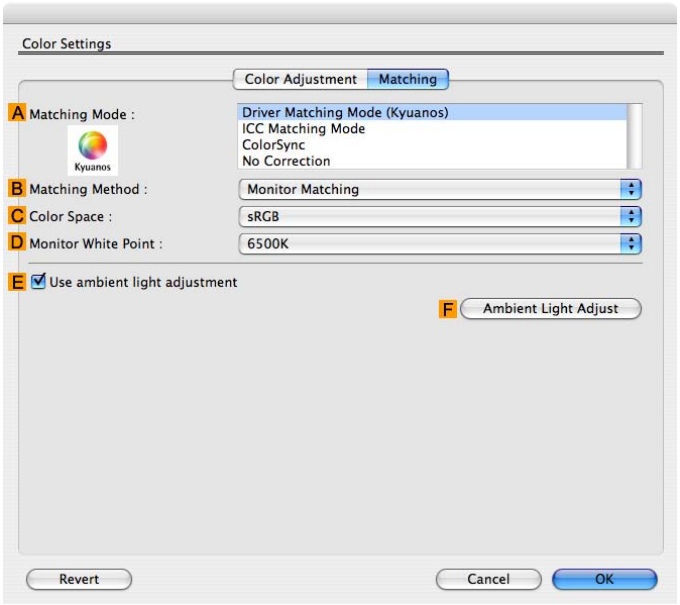
Driver Matching Mode (Using Mac OS X 10.2.8 - 10.3.9)



Setting Item	Description
A **Matching Mode**	Select the color matching mode to use, as desired.
B **Matching Method**	Select the color matching method that suits the document to be printed. Various **Matching Method** options are available depending on your selection in **Matching**.
C **Color Space**	Select the applicable color space as desired.

Driver Matching Mode (Kyuanos) (Using Mac OS X 10.4 or later)

The following options are available when you select **Driver Matching Mode (Kyuanos)** in the **Matching Mode** list.



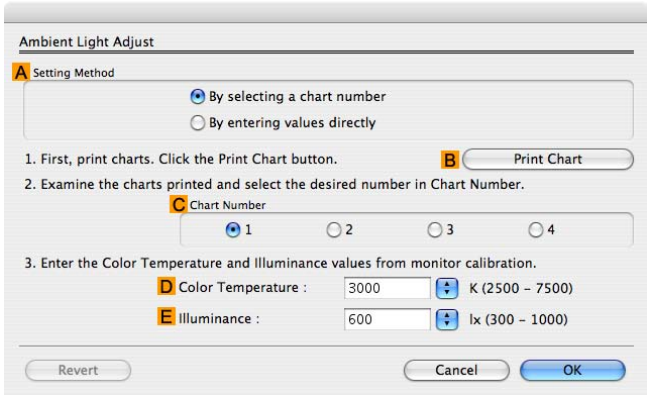
Setting Item	Description
A Matching Mode	Select the color matching mode to use, as desired. Normally, select **Driver Matching Mode**. For color matching based on ICC profiles, select **ICC Matching Mode** depending on your color matching system. If you prefer not to use color matching based on the printer driver, select **No Correction**.
B Matching Method	Select the color matching method that suits the document to be printed. Various **Matching Method** options are available depending on your selection in **Matching**.
C Color Space	Select the applicable color space as desired.
D Monitor White Point	Enter the color temperature set on the monitor. Displayed when the **Matching Method** is set to **Monitor Matching**.
E Use ambient light adjustment	Select this option for adjustment of colors to suit the ambient light in the viewing environment.
F Ambient Light Adjust	Click to display the **Ambient Light Adjust** dialog box, which enables you to complete settings for printing to match the ambient light.

Note

- To display the **Matching** pane, on the **Main** pane, click **Color Settings** by **Color Mode** in **Advanced Settings**, and then click the **Matching** pane. (→P.441)

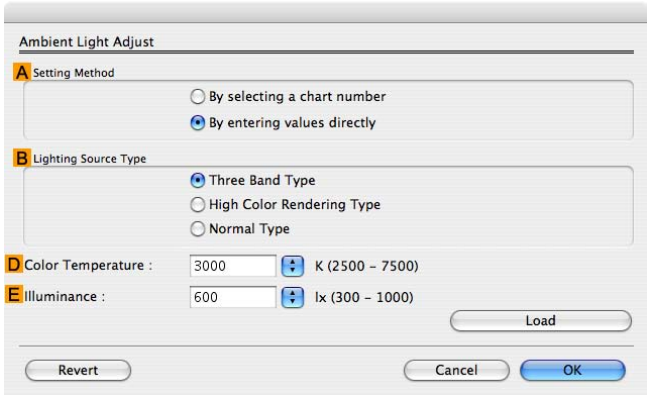
Ambient Light Adjust

When you select **By selecting a chart number** in **Setting Method**



Setting Item	Description
A **Setting Method**	You can choose configuration based on the printed **Chart** or based on using the i1 colorimeter.
B **Print Chart**	Click to start the **Light Source Check Tool**, for printing **Chart**. The **Light Source Check Tool** must be installed to use this function.
C **Chart Number**	In **Chart**, select the number of the pattern with your desired colors.
D **Color Temperature**	Enter the **Color Temperature** measured during monitor calibration. Displayed when the **Matching Method** is set to **Monitor Matching** on the **Matching** pane.
E **Illuminance**	Enter the **Illuminance** measured during monitor calibration. Displayed when the **Matching Method** is set to **Monitor Matching** on the **Matching** pane.

When you select **By entering values directly** in **Setting Method**



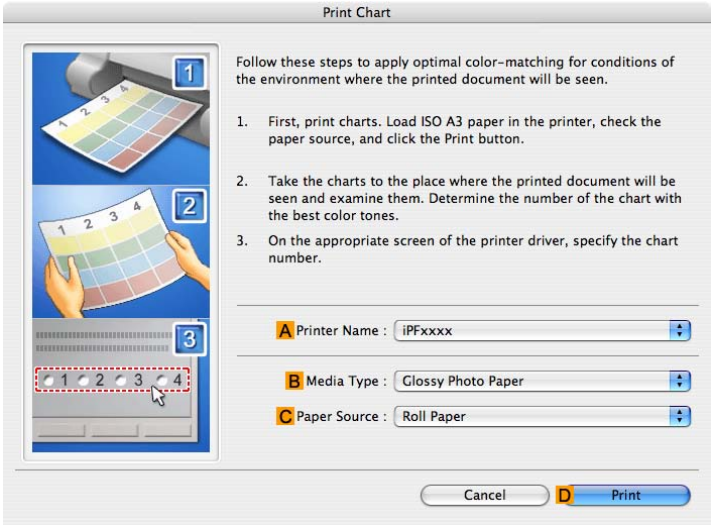
Setting Item	Description
A **Setting Method**	You can choose configuration based on the printed **Chart** or based on using the i1 colorimeter.
B **Lighting Source Type**	Select the light source measured using the i1 colorimeter.
D **Color Temperature**	Enter the **Color Temperature** measured using the i1 colorimeter.
E **Illuminance**	Enter the **Illuminance** measured using the i1 colorimeter. Displayed when the **Matching Method** is set to **Monitor Matching** on the **Matching** pane.

Note

- For details on settings items, see “Adjusting the Color in the Printer Driver”. (→P.203)

Light Source Check Tool

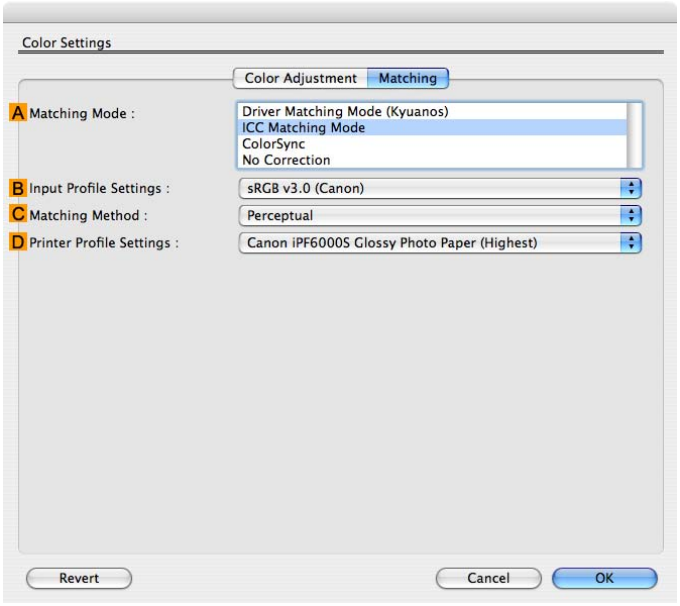
The **Light Source Check Tool** enables you to print **Chart**.



Setting Item	Description
A **Printer Name**	The printer name is displayed here.
B **Media Type**	Select the paper type. For information on the types of paper compatible with **Driver Matching Mode (Kyuanos)**, refer to the Paper Reference Guide. (→P.104)
C **Paper Source**	Choose the paper source, as desired. Options displayed in the list vary depending on the selection in **Media Type** in the **Main** pane.
D **Print**	Click to print the **Chart**.

ICC Matching Mode

The following options are available when you select **ICC Matching Mode**, in the **Matching Mode** list.



Note

- To display the **Matching** pane, on the **Main** pane, click **Color Settings** by **Color Mode** in **Advanced Settings**, and then click the **Matching** pane. (→P.441)

Setting Item	Description
A Matching Mode	Select the color matching mode to use, as desired.
B Input Profile Settings	You can choose **Input Profile**. Various options are available depending on your selected **Matching Mode**.
C Matching Method	You can choose **Matching Method**. Various options are available depending on your selected **Matching Mode**.
D Printer Profile Settings	Specify the printer profile as desired.

Note

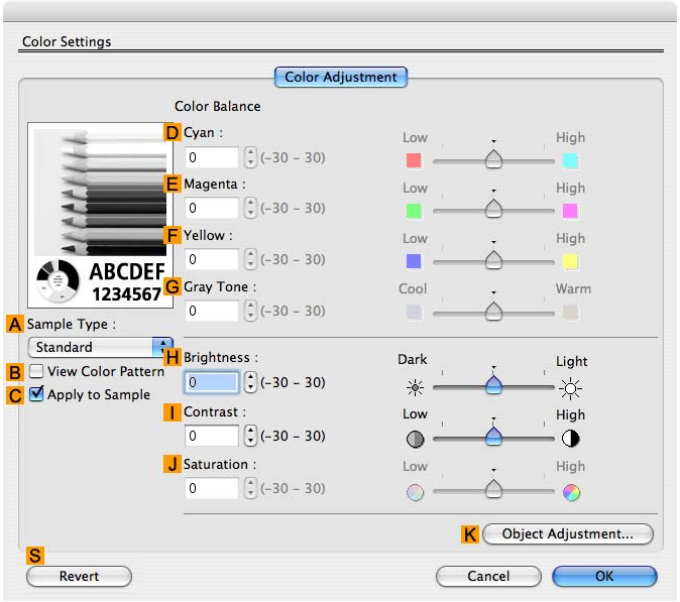
- For details on settings items, see “Adjusting the Color in the Printer Driver”. (→P.203)

Color Settings Pane: Monochrome (Mac OS X)

The following settings are available on the **Color Settings** pane for monochrome printing.

Color Adjustment pane: Monochrome

On the **Color Adjustment** pane for monochrome printing, you can adjust the brightness and contrast.



Note

- To display the **Color Adjustment** pane, on the **Main** pane, click **Color Settings** in **Advanced Settings**. (→P.441)

Setting Item	Description
A **Sample Type**	Choose a sample image from **Standard**, **Portrait**, **Landscape**, or **Graphics**.
B **View Color Pattern**	Clicking to select this check box will display the color pattern.
C **Apply to Sample**	Clicking to select this check box will apply the revised settings to the sample image.
D **Cyan**	Not available.
E **Magenta**	
F **Yellow**	
G **Gray Tone**	
H **Brightness**	Adjust the overall image brightness as desired. You can adjust the brightness if the printed document is lighter or darker than the original image (that is, the original photo that was scanned or the original graphic as it appears on the computer screen).
I **Contrast**	Adjust the contrast of the darkest and lightest portions relative to each other, as desired. Increasing the **Contrast** makes images sharper, and reducing the **Contrast** softens images.
J **Saturation**	Not available.

Note

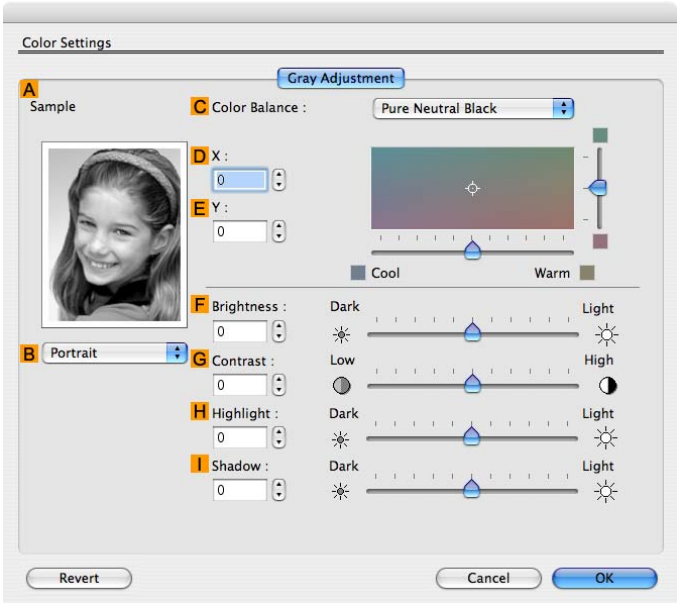
- For details on settings items, see “Adjusting the Color in the Printer Driver”. (→P.203)

Gray Adjustment Pane (Mac OS X)

The following settings are available on the **Gray Adjustment** pane.

Gray Adjustment

On the **Gray Adjustment** pane, you can adjust the color balance, brightness, contrast, and other image qualities.



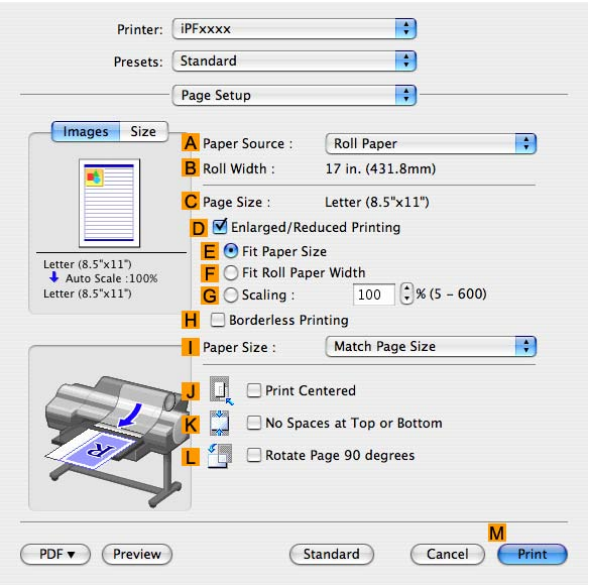
Note

- To display the **Gray Adjustment** pane, on the Main Pane (Mac OS X) (→P.441) , select **Monochrome (Photo)** by **Color Mode** in **Advanced Settings**, and then click **Color Settings**.
- **Monochrome (Photo)** is not available for all types of paper.

Setting Item	Description
A **Sample**	The image at left is updated to reflect any changes you make to setting items on the sheet, enabling you to check the results of adjustment.
B **Sample List**	Select a sample image, as desired.
C **Color Balance**	Click the list to select a color balance that suits the printing application.
D **X**	Adjust the color balance as you check the color tone in the adjustment area. You can adjust the square area in the center by clicking or dragging it. Drag the vertical or horizontal scroll bars for adjustment, as desired. You can click the arrows by the X (horizontal) and Y (vertical) boxes or enter the values directly.
E **Y**	
F **Brightness**	Adjust the overall image brightness as desired. You can adjust the brightness if the printed document is lighter or darker than the original image (that is, the original photo that was scanned or the original graphic as it appears on the computer screen).
G **Contrast**	Adjust the contrast of the darkest and lightest portions relative to each other, as desired. Increasing the **Contrast** makes images sharper, and reducing the **Contrast** softens images.
H **Highlight**	Adjust the brightness of the lightest portion.
I **Shadow**	Adjust the brightness of the darkest portion.

Page Setup Pane (Mac OS X)

The following settings are available on the **Page Setup** pane. For details on settings items, refer to the printer driver help.

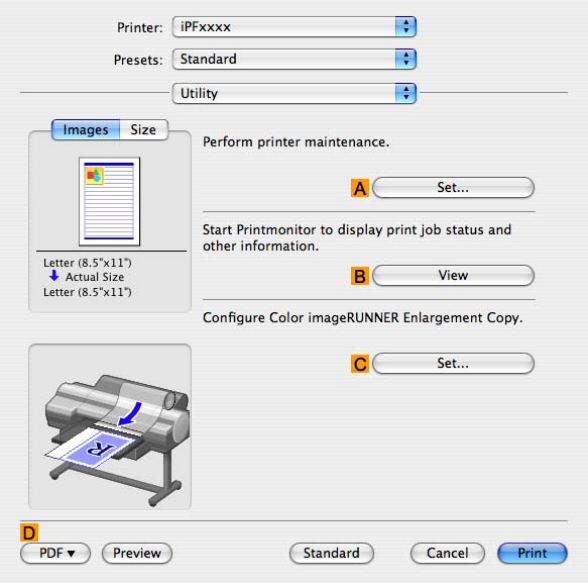


Setting Item		Description
A **Paper Source**		Choose how paper is supplied. Options displayed in the list vary depending on the selection in A **Media Type** in the **Main** pane.
B **Roll Paper Width**		Displays the paper width of the roll loaded in the printer. **Unknown** is displayed if the printer cannot detect the roll paper width.
C **Page Size**		Displays the size of the original, as specified in the page settings of the application. For details on page sizes available in the application.see “Paper Sizes”. (→P.109)
D **Enlarged/Reduced Printing**		Choose from the following options when this setting is activated. Resizing Originals to Match the Paper Size (→P.229) Resizing Originals to Fit the Roll Width (→P.235) Resizing Originals by Entering a Scaling Value (→P.241)
	E **Fit Paper Size**	Resizes the document image to match the paper size.
	F **Fit Roll Paper Width**	Resizes the document image to match the roll width.
	G **Scaling**	Resizes the document image based on a specified scaling value. Enter a value in a range of “5-600.”
H **Borderless Printing**		Borderless printing is available if **Roll Paper** is selected in the A **Paper Source** list. Activate this setting for borderless printing to match the size and width of the paper. Borderless Printing on Paper of Equivalent Size (→P.266) Borderless Printing by Resizing Originals to Fit the Roll Width (→P.273) Borderless Printing at Actual Size (→P.259)
I **Paper Size**		Choose the size of the paper you will print on. Click **Display all selections for Paper Size** to list available sizes. For details on available paper sizes, see “Paper Sizes”. (→P.109)

Setting Item	Description
J **Print Centered**	Activate this setting to print document images in the center of the paper. Printing Originals Centered on Rolls (→P.322) Printing Originals Centered on Sheets (→P.328)
K **No Spaces at Top or Bottom**	Activate this setting to print the next image skipping blank areas above and below printable data in documents, which enables you to conserve the paper. Conserving Roll Paper by Printing Originals Without Top and Bottom Margins (→P.339)
L **Rotate Page 90 degrees**	Activate this setting to rotate the original 90 degrees before printing. Conserving Roll Paper by Rotating Originals 90 Degrees (→P.333)

Utility Pane (Mac OS X)

The following settings are available on the **Utility**pane.

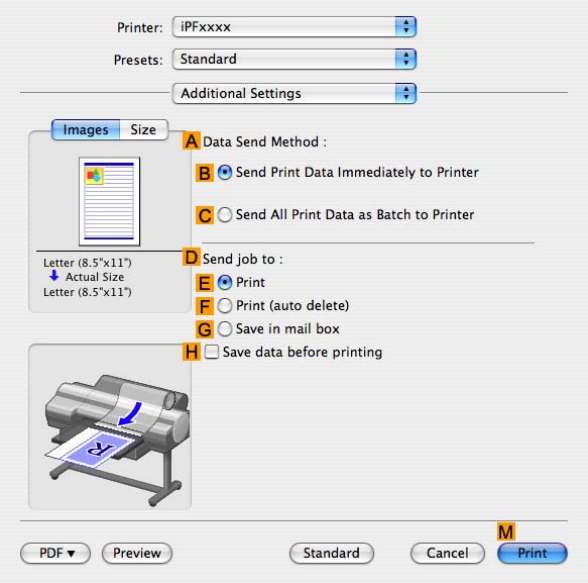


Setting Item	Description
A **Set**	Click to display the **Printer** dialog box, which offers the following maintenance for the printer. • Nozzle (ink ejecting outlet) cleaning • Head alignment adjustment • Feed amount adjustment
B **View**	Click to start **imagePROGRAF Printmonitor**, which enables you to view the status of print jobs.
C **Set**	Click to complete the settings for Color imageRUNNER Enlargement Copy (iR enlargement copy).

*1: For details, see Color imageRUNNER Enlargement Copy .

Additional Settings Pane (Mac OS X)

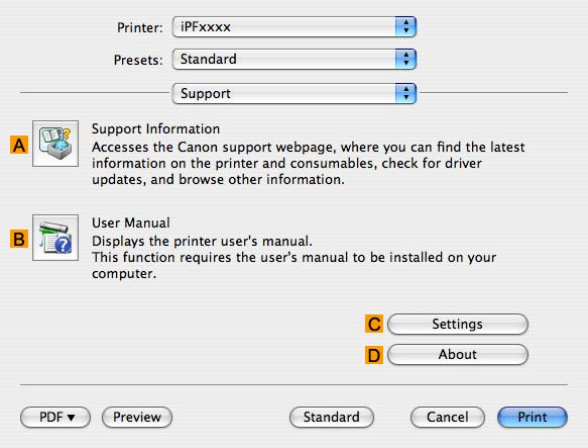
The following settings are available on the **Additional Settings** pane.



Setting Item	Description
A **Data Send Method**	Choose how print data is sent to the printer. • B **Send Print Data Immediately to Printer** • C **Send All Print Data as Batch to Printer**
D **Send job to**	Click to display the **Send job to** dialog box, which enables you to specify how print jobs are stored on the printer's hard disk. • E **Print** • F **Print (auto delete)** • G **Save in mail box**
H **Save data before printing**	Jobs are printed after they are saved on the hard disk.

Support Pane (Mac OS X)

On the **Support** pane, you can view support information and the user's manual.



Button	Corresponding Utility
A **Support Information**	Click to access the Canon support webpage, where you can find the latest information on the printer and consumables, check for printer driver updates, and browse other information.
B **User Manual**	Click to view the printer user's manual. This function requires the user's manual to be installed on your computer.
C **Settings**	The settings can be saved as a file. Click to display the **Export** dialog box, which enables you to specify where to save the file.
D **About**	You can display version information for the printer driver.

Printing Adobe RGB Images (Mac OS X)

This topic describes how to print Adobe RGB images based on the following example.

- Document: Adobe RGB image created in Photoshop
- Page size: 10×12 inches (254.0×304.8 mm)
- Paper: Roll
- Paper type: Glossy Photo Paper
- Roll paper width: 10 inches (254.0 mm)

Important

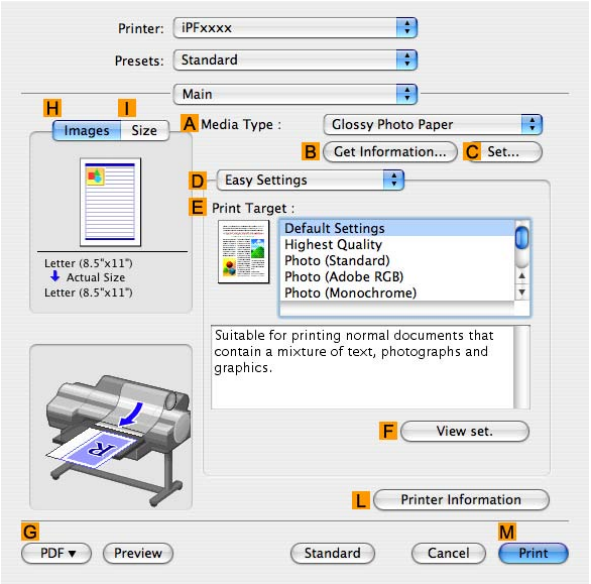
- In Photoshop, select no color-matching.
- In the printer driver settings, select **Driver Matching Mode** and choose **Adobe RGB** in **Color Space**.

1. In Photoshop, create an image in the Adobe RGB color space.

   Note

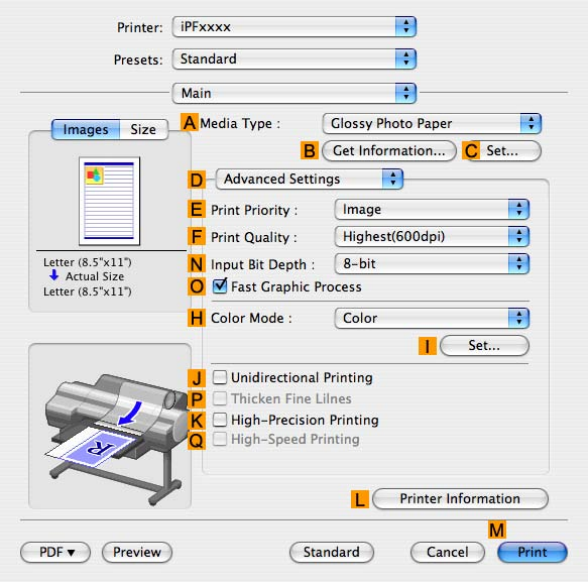
   - The following procedures are based on the example of Photoshop CS2.
   - For instructions on creating Adobe RGB images, refer to the Photoshop documentation.

2. Choose **Print with Preview** from the Photoshop menu to display the **Print** dialog box.
3. Make sure the setting mode is **Color Management**.
4. In the **Color Handling** list in **Options**, click **No Color Management**.
5. Click **Print**.
6. Access the **Main** pane.



7. In the A **Media Type** list, select the type of paper that is loaded. In this case, click Glossy Photo Paper.

8. Click **D** **Advanced Settings** to switch the print mode.

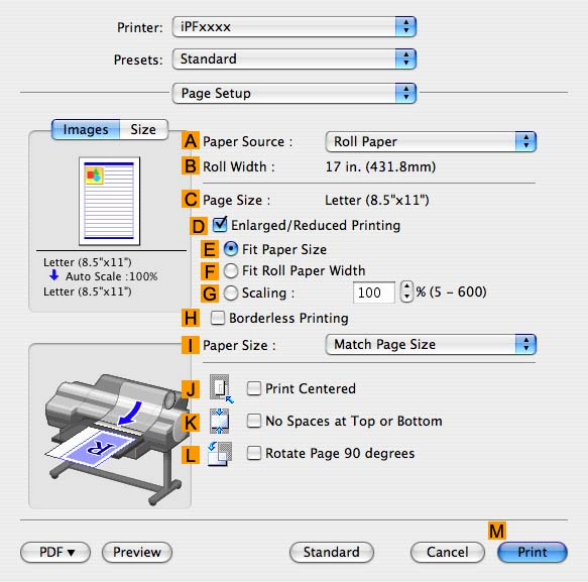


9. Click **Image** in the **E** **Print Priority** list.
10. Select the print quality in the **F** **Print Quality** list.

Note

- Options displayed in the **F** **Print Quality** list vary depending on the type of paper.

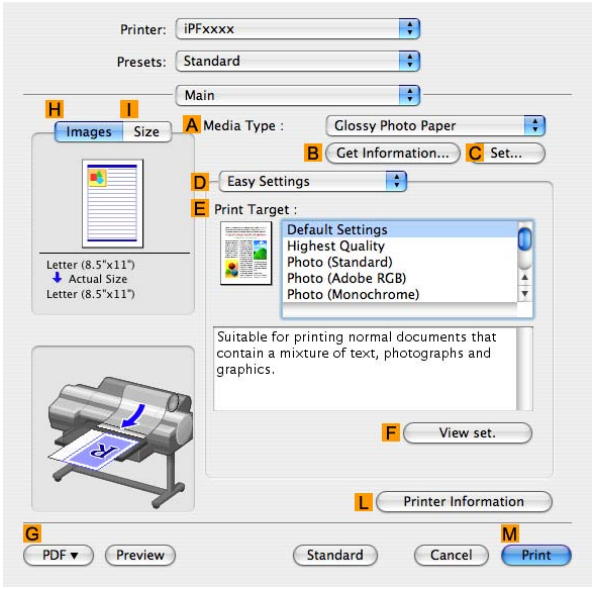
11. Click **Color** in the **H** **Color Mode** list.
12. Click **I** **Set** to display the **Color Settings** dialog box.
13. Click **Matching** to display the **Matching** pane.
14. In **Matching Mode**, click **Driver Matching Mode**.
15. In **Color Space**, click **Adobe RGB**.
16. Click **OK** to close the **Color Settings** dialog box.
17. Access the **Page Setup** pane.



18. Click **Roll Paper** in the A **Paper Source** list.
19. Make sure the width of the loaded roll paper is displayed in the B **Roll Paper Width** list-here, **10-in. Roll (254.0mm)**.

Note

- If the width of the roll loaded in the printer is not shown in B **Roll Paper Width**, click L **Printer Information** on the **Main** pane to update the printer information.



20. Make sure C **Page Size** in the **Page Setup** pane matches the size of the original as specified in Photoshop-in this case, **10"x12"**.
21. Confirm the print settings, and then click M **Print** to start printing.

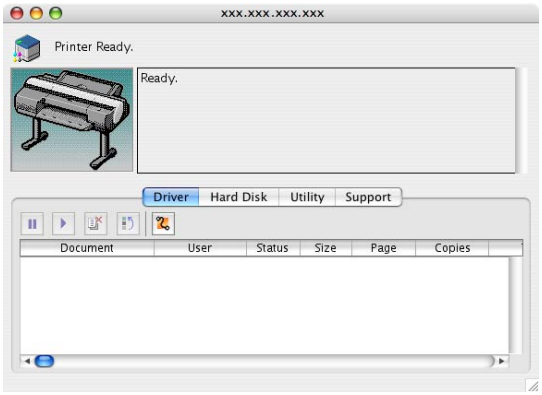
Note

- For tips on confirming print settings, see “Confirming Print Settings (Mac OS X)”. (→P.436)

Printmonitor

imagePROGRAF Printmonitor (Macintosh)

imagePROGRAF Printmonitor is a utility for checking the printer status and managing print jobs.



- Printer status can be checked in real time on a computer monitor.
- You can check the status of print jobs, cancel jobs, and manage them as needed.
- If a printer error occurs, you can investigate the corrective action immediately.
- You can also set up automatic email notification of any printer problems or errors to email addresses you designate in advance.

Note

- If the status of the desired printer is not shown in **imagePROGRAF Printmonitor**, select the printer again as follows.
  1. Make sure the printer is on and connected to the network or to a local port.
  2. In the **Printer** menu, select the name of the desired printer.
     After the printer is detected, the printer status is shown.
  3. If information about the printer is not shown in step 2, choose **Search Printer** in the **Printer** menu.
  4. Select the zone to search (or select ***(My Zone)** if no zones have been set up) and click the **Search** button.
     Printer names listed in the **Printer** menu are updated with the printers that are now detected.
  5. In the **Printer** menu, select the name of the desired printer.
     After the printer is detected, the printer status is shown.

Network Setting

Network Setting

Network Environment

System requirements

The system requirements, which vary depending on your network, are as follows.

- Printing over a TCP/IP network
  - Compatible operating systems
    - Windows 2000 (Professional or Server)
    - Windows XP (Home Edition or Professional)
    - Windows Server 2003 (Standard Edition)
    - Windows Vista (Home Basic/Business/Ultimate)
    - Windows Server 2008 (Standard Edition or Enterprise Edition)
    - Mac OS X 10.2.8 or later
  - Compatible computer
    - A computer that runs one of the operating systems mentioned
- Printing over an AppleTalk network
  - Compatible operating systems
    - Mac OS X 10.2.8-10.4
  - Compatible computer
    - A computer that runs one of the operating systems mentioned

Note

- The printer cannot be used over a LocalTalk network.
- Compatible with EtherTalk Phase 2.

- Printing over a NetWare network
  - Compatible servers
    - Novell NetWare 4.2/5.1/6.0
  - Compatible clients
    - Windows 2000 (Professional or Server)
    - Windows XP (Professional)
  - Compatible computer
    - A computer that runs one of the operating systems mentioned

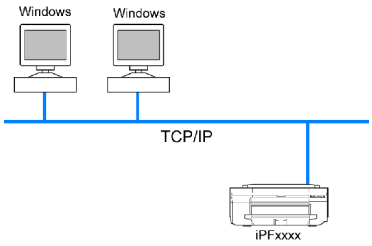
Note

- In NetWare 6.0, iPrint is not supported.

Network Environment

After confirming what type of network environment you will connect the printer to, set up the printer and computers as needed.

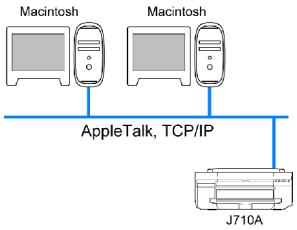
- Example of a Windows network
  In Windows networks, print over TCP/IP.



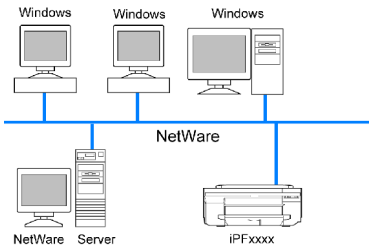
Note

- NetBIOS is not supported.

- Example of a Macintosh network
  In Macintosh networks, print over AppleTalk (EtherTalk) or TCP/IP, using Bonjour (Zeroconf) functions.



- Example of a NetWare network



Note

- Even if there is a NetWare server in your network environment, you can use both TCP/IP and AppleTalk. In this case, complete the settings for each protocol you will use.

Configuring the IP Address on the Printer

You must configure the printer's IP address before using the printer in a TCP/IP network.
The printer's IP address is configured automatically when you install the printer driver following the instructions in the Quick Start Guide.
Configure the IP address by using imagePROGRAF Device Setup Utility, the printer Control Panel, or ARP or PING commands, if the IP address is changed, or if you change the printer connection mode to a network connection. For details on configuring the IP address, refer to the following topics.

- Configuring the IP Address Using imagePROGRAF Device Setup Utility (→P.469)
- Configuring the IP Address Using the Printer Control Panel (→P.470)
- Configuring the IP Address Using ARP and PING Commands (→P.471)


Important

- If you use a DHCP server for automatic assignment of the printer's IP address, printing may no longer be possible after the printer is turned off and on. This is because an IP address different from before has been assigned. Thus, when using DHCP server functions, consult your network administrator and configure the settings in one of the following ways.
  - Configure the setting for dynamic DNS updating
    In RemoteUI, activate the setting **Enable DNS Dynamic Update**. (→P.473)
  - Configure the setting for assignment of the same IP address each time the printer starts up


Note

- We recommend configuring the printer's IP address even if you will use the printer in networks other than TCP/IP networks. Configuring the printer's IP address enables you to use RemoteUI to configure the network settings and manage the printer with a web browser.
  For details on RemoteUI, see "Using RemoteUI". (→P.472)

Configuring the IP Address Using imagePROGRAF Device Setup Utility

From a computer running Windows, you can use imagePROGRAF Device Setup Utility provided with the printer to configure the printer's IP address. This topic describes how to configure the IP address using imagePROGRAF Device Setup Utility.

Important

- To configure network settings, you must be logged in with administrative rights such as "Administrator" account. We recommend that your network administrator configure the network settings.
- For instructions on installing imagePROGRAF Device Setup Utility, see "Installing imagePROGRAF Device Setup Utility". (→P.431)

1. Start imagePROGRAF Device Setup Utility from the **start** menu.
2. In the **Product Name** list displayed, select the printer to configure.
3. Choose **Protocol Settings** from the **Printer** menu.
4. In the **Setting IP Address** list, choose **Manual**.
5. Enter the IP address assigned to the printer and click the **Set** button.
6. Click **OK** after the **Confirmation** message dialog box is displayed.
7. Exit imagePROGRAF Device Setup Utility.

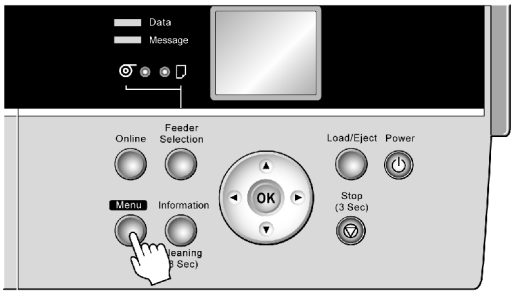
Note

- To configure the IP address automatically, choose **Auto** in the **Setting IP Address** list and select **DHCP**, **BOOTP**, or **RARP**.
- You can also specify the subnet mask and default gateway.

Configuring the IP Address Using the Printer Control Panel

This topic describes how to configure the printer's IP address on the Control Panel.

1. Press the **Menu** button to display **MAIN MENU**.

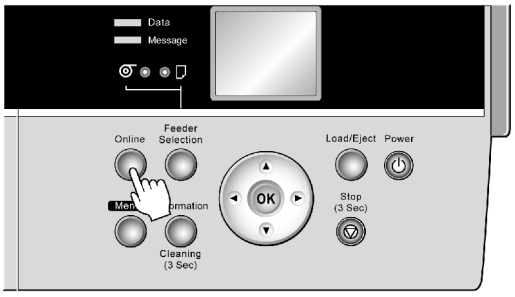


2. Press ▲ or ▼ to select **Interface Setup**, and then press the ► button.
3. Press ▲ or ▼ to select **TCP/IP**, and then press the ► button.
4. Press ▲ or ▼ to select **IP Setting**, and then press the ► button.
5. Press ▲ or ▼ to select **IP Address**, and then press the ► button.
6. After you press ◄ or ► to select the input field, numerical input is possible.
7. Press the ▲ or ▼ button to enter the value.

Note

- Pressing the ▲ button increases the number by 1. The maximum value is "255," after which "0" is displayed.
- Pressing the ▼ button decreases the number by 1. The minimum value is "0," after which "255" is displayed.
- Hold down ▲ or ▼ to increase or decrease the value continuously.

8. Repeat steps 6 and 7 to enter the IP address assigned to the printer.
9. Press the **Online** button to bring the printer online.
   If any settings are changed, a confirmation message is displayed. In this case, press the **OK** button.



Important

- Be sure to complete step 9. This will activate the values you have entered.
- You can also specify the subnet mask and default gateway on the Control Panel.

Note

- If an error message is displayed, check the settings and correct any invalid values.
- To cancel the setup process, hold down the **Stop** button for a second or more.

Configuring the IP Address Using ARP and PING Commands

This topic describes how to configure the IP address using ARP and PING commands.
To use the ARP and PING commands, you will need to know the printer's MAC address. You can confirm the MAC address on the Control Panel.

1. Check the printer's MAC address.

   You can confirm the MAC address on the Control Panel as follows:

   1. Press the **Menu** button to display **MAIN MENU**.
   2. Press ▲ or ▼ to select **Interface Setup**, and then press the ► button.
   3. Press ▲ or ▼ to select **Ethernet Driver**, and then press the ► button.
   4. Press ▲ or ▼ to select **MAC Address**, and then press the ► button.

   Note

   - You can investigate the MAC address by printing a Status Print report.
     (→P.70)

2. In Windows, open a command prompt, or in Mac OS X, start Terminal.
3. Execute the following command to add entries to the ARP table for managing IP addresses and corresponding MAC addresses.

   arp -s [IP address] [the printer's MAC address you have verified]

   Example: arp -s xxx.xxx.xxx.xxx 00-00-85-xx-xx-xx

   Note

   - In Mac OS X when using Terminal, enter the arp command in the format "arp -s xxx.xxx.xxx.xxx 00:00:85:xx:xx:xx." For details, refer to the help file for the command line.

4. Execute the following command to send the IP address to the printer and configure it.

   ping [IP address as specified in the ARP command] -l 479

   Example: ping xxx.xxx.xxx.xxx -l 479

   Note

   - In "-l," the "l" is the letter "l".
   - In Mac OS X when using Terminal, enter the ping command in the format "ping -s 479 xxx.xxx.xxx.xxx." For details, refer to the help file for the command line.

Note

- The subnet mask and default gateway will be set to "0.0.0.0." Use RemoteUI to change the subnet mask and default gateway to match your network settings.
  For details on RemoteUI, see "Using RemoteUI". (→P.472)

Using RemoteUI

Enter the printer's IP address in a web browser to display the RemoteUI page. After you log on to RemoteUI from the page, you can check and change the status of the printer and print jobs, and configure network settings.

To access RemoteUI, start the web browser and enter the following URL in the **Location** (or **Address**) box to display the RemoteUI page.
http://"printer IP address or name"/
Example: http://xxx.xxx.xxx.xxx/
For details on configuring printer settings for networks, refer to the following topics.

- Configuring the Printer's TCP/IP Network Settings (→P.473)
- Configuring the Printer's AppleTalk Network Settings (→P.475)
- Configuring the Printer's NetWare Network Settings (→P.476)
- Specifying Printer-Related Information (→P.478)


Note

- RemoteUI also offers many other features. You can display the ink levels, check error messages and other status information, and cancel print jobs.
- By factory default, the English screen is displayed. To change the display language, select the desired language under **Language** before logging on in administrator mode.


Important

- Use Netscape Navigator 6.0 or later, Internet Explorer 5.01 or later, or Firefox 1.5 or later as a web browser. In Mac OS X, you can also use Safari 1.32 or later or Safari 2.03 or later.
- Access is not possible via a proxy server. In environments where a proxy server is used, add the printer's IP address to **Exceptions** (addresses accessed without a proxy server) in the web browser proxy server settings. (Settings may vary depending on the network environment.)
- Enable JavaScript and cookies in the web browser.
- If you access RemoteUI with the printer name instead of its IP address, make sure the DNS settings are correctly configured.

Configuring the Printer's TCP/IP Network Settings

Follow the steps below to configure the TCP/IP network settings.

1. Start the web browser and enter the following URL in the **Location** (or **Address**) box to display the RemoteUI page.
   http://"printer IP address or name"/
   Example: http://xxx.xxx.xxx.xxx/
2. Select **Administrator Mode** and click **Logon**.
3. If a password has been set on the printer, enter the password.
4. Click **Network** in the **Device Manager** menu at left to display the **Network** page.
5. Click **Edit** in the upper-right corner of the **TCP/IP** group to display the **Edit TCP/IP Protocol Settings** page.
6. Refer to the TCP/IP Settings Items table to complete the settings.

TCP/IP Settings Items

Item	Details	Default Setting
Use DHCP	Activate this setting to use DHCP for configuring the IP address.	Off
Use BOOTP	Activate this setting to use BOOTP for configuring the IP address.	Off
Use RARP	Activate this setting to use RARP for configuring the IP address.	Off
Enable DNS Dynamic Update	Activate this setting to perform DNS server registration automatically.	Off
Use Zeroconf Function	Activate this setting to use Bonjour.	On
IP Address	Specify the printer's IP address.	0.0.0.0
Subnet Mask	Specify the printer's subnet mask.	0.0.0.0
Gateway Address	Specify the printer's default gateway.	0.0.0.0
LPD Printing	Activate this setting to use LDP Printing.	On
IPP Printing	Activate this setting to use IPP Printing.	On
IPP Printer URI	Specify the URI of the printer used for IPP printing using up to 252 characters. When using a standard Windows port for IPP printing, enter an URL less than 255 bytes for all characters for "http://"IP address"/IPP-URI."	printer
RAW Printing	Activate this setting to use Raw Printing.	On

Item	Details	Default Setting
RAW Mode Bi-direction	Activate this setting to use Raw mode bidirectional communication.	Off
FTP Printing	Activate this setting to use FTP Printing.	On
SMTP Server Address	Specify the SMTP server's IP address.	0.0.0.0
Primary DNS Server Address	Specify the IP address of the primary DNS server.	0.0.0.0
Secondary DNS Server Address	Specify the IP address of the secondary DNS server.	0.0.0.0
DNS Host Name	Specify the printer host name, up to 63 characters (1-63 characters). Use single-byte letters, numbers, and "-" (hyphens). Do not use numbers or "-" for the first character or "-" for the last character.	NB-17FBxxxxxxxxxxx
DNS Domain Name	Specify the printer domain name, up to 63 characters. Use single-byte letters, numbers, "-" (hyphens), and "." (periods). Do not use numbers, "-", or "." for the first character, or "-" or "." for the last character.	blank
Multicast DNS Service Name	Specify the printer's Multicast DNS service name. (1-63 characters) This name will be displayed when Bonjour functions are used.	Canon iPFxxxx (xxxxxx)

7. Click **OK** to display the **Network** page.


Note

- If you specify to configure the IP address using DHCP, BOOTP, or RARP, there must be a server that supports such protocol running in the network.
- If you specify to configure the IP address using DHCP, BOOTP, or RARP, the IP address obtained by this method is used first. If you cannot obtain the IP address, the address specified in **IP Address** is used.
- It takes a minute or two to determine whether DHCP, BOOTP, or RARP are available. We recommend clearing check boxes of options you will not use.
- If you are using a DNS server, select **Enable DNS Dynamic Update** and enter the IP Address for DNS servers, DNS host name, and DNS domain name in **Primary DNS Server Address**, **Secondary DNS Server Address**, **DNS Host Name**, and **DNS Domain Name**, respectively.

Configuring the Printer's AppleTalk Network Settings

Follow the steps below to configure the AppleTalk network settings.

1. Start the web browser and enter the following URL in the **Location** (or **Address**) box to display the RemoteUI page.
   http://"printer IP address or name"/
   Example: http://xxx.xxx.xxx.xxx/
2. Select **Administrator Mode** and click **Logon**.
3. If a password has been set on the printer, enter the password.
4. Click **Network** in the **Device Manager** menu at left to display the **Network** page.
5. Click **Edit** in the upper-right corner of the **AppleTalk** group to display the **Edit AppleTalk Protocol Settings** page.
6. Refer to the AppleTalk Settings Items table to complete the settings.

   AppleTalk Settings Items

Item	Details	Default Setting
Phase Type	Specify whether to use AppleTalk. If you will use AppleTalk, choose **Phase 2**. If you will not use AppleTalk, choose **Disabled**.	Disabled
Name (*1)	Specify the object name used by AppleTalk (in up to 31 single-byte or 15 double-byte characters). However, do not use the following single-byte characters: @, *, :, and =.	Canon NB-17FB (xxxxxx)
Zone (*2)	Specify the printer zone name, up to 31 single-byte characters. However, do not use the following single-byte characters: @, :, and =. Also avoid using "*" (which represents the default zone) in the middle of a string.	*

   *1:The object name you have specified in **Name** is displayed in **Printer Setup Utility** (or **Print Center**) in Mac OS X 10.2.8-10.4. If you use multiple printers in the same zone, assign a unique name to each printer. By default, the network interface name is "Canon NB-17FB (xxxxxx)." (Here, xxxxxx is the last six digits of the printer's MAC address.)

   2: If zones have been created on the network, enter the name of the printer's zone. If there are no zones, leave the asterisk "" entry (for the default zone) as it is. If you enter a network zone name that does not match created zones, the printer will not be detected by Macintosh computers. Consult your network administrator for information on zone names.

7. Click **OK** to display the **Network** page.

Configuring the Printer's NetWare Network Settings

Follow the steps below to configure the NetWare network settings.

1. Start the web browser and enter the following URL in the **Location** (or **Address**) box to display the RemoteUI page.
   http://"printer IP address or name"/
   Example: http://xxx.xxx.xxx.xxx/
2. Select **Administrator Mode** and click **Logon**.
3. If a password has been set on the printer, enter the password.
4. Click **Network** in the **Device Manager** menu at left to display the **Network** page.
5. Click **Edit** in the upper-right corner of the **NetWare** group to display the **Edit NetWare Protocol Settings** page.
6. Refer to the NetWare Settings Items table to complete the settings.

NetWare Settings Items

Item		Details	Default Setting
Frame Type		Specify the type of frame to use in NetWare.	Disabled
NCP Burst Mode		Activate this setting to use NCP Burst Mode. This mode supports fast data transfer when printing in queue server mode. Normally, leave the setting On.	On
Print Application		Choose the print service. • **Bindery PServer** • **RPrinter** • **NDS PServer** • **NPrinter**	NDS PServer
Packet Signature		Select **If Requested by Server** to use packet signature.	**If Requested by Server**
Bindery PServer	**File Server Name**	Specify the name of a file server that has a NetWare print server. (0-47 characters)	-
	Print Server Name	Specify the name of a NetWare print server. (0-47 characters)	-
	Print Server Password	Set a password for the print server. (0-20 characters)	-
	Polling Interval	Specify the interval to confirm jobs. (1-15 seconds)	5
RPrinter	**Print Server Name**	Specify the name of a NetWare print server. (0-47 characters)	-

Item		Details	Default Setting
	Printer Number	Specify the number of the printer connected to the NetWare print server. (0-15)	0
NDS PServer	**Tree Name**	Specify the name of an NDS tree that has a NetWare print server. (0-32 characters)	-
	Context Name	Specify the name of a context that has a NetWare print server. (0-255 characters)	-
	Print Server Name	Specify the name of a NetWare print server. (0-64 characters)	-
	Print Server Password	Set a password for the print server. (0-20 characters)	-
	Polling Interval	Specify the interval to confirm jobs. (1-255 seconds)	5
NPrinter	**Print Server Name**	Specify the name of a NetWare print server. (0-47 characters)	-
	Printer Number	Specify the number of the printer connected to the NetWare print server. (0-254)	0

7. Click **OK** to display the **Network** page.

Specifying Printer-Related Information

Follow the steps below to specify device information and security settings.

1. Start the web browser and enter the following URL in the **Location** (or **Address**) box to display the RemoteUI page.
   http://“printer IP address or name”/
   Example: http://xxx.xxx.xxx.xxx/
2. Select **Administrator Mode** and click **Logon**.
3. If a password has been set on the printer, enter the password.
4. Click **Information** in the **Device Manager** menu at left to display the **Information** page.
5. To display the relevant settings page, click **Edit** in the upper-right corner of **Device Information** or **Security**, depending on what information you want to specify.
6. Refer to the table of settings for device information, security, and email notification as you complete these settings.

   Device Information Settings

Item	Details	Default Setting
Device Name	Enter a device name. (0-32 characters)	blank
Location	Enter the location where the device is installed. (0-32 characters)	blank
Administrator	Enter the administrator’s name. (0-32 characters)	blank
Phone	Enter the administrator’s contact information. (0-32 characters)	blank
Comments(E-mail)	Enter any comments regarding the administrator. (0-32 characters)	blank

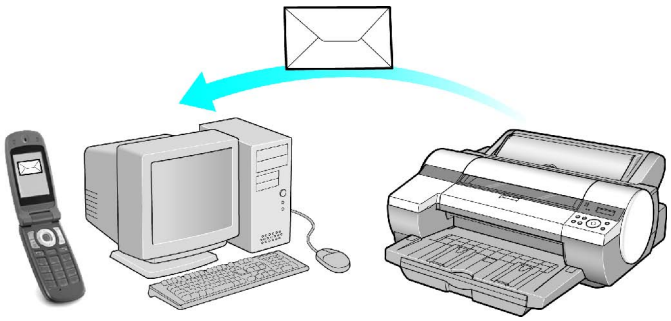
   Security Settings

Item	Details	Default Setting
Old Password	Enter the current device password. (0-14 characters)	blank
New Password	Enter the new password. (0-14 characters)	blank
Confirm	Enter the new password again to confirm it. (0-14 characters)	blank

   Besides entering a password, you can specify other security-related information, such as IP address-based SNMP or TCP usage restrictions, MAC address-based access restrictions, or IPP and FTP authentication settings.
7. Click **OK** to activate the settings.

Email Notification When Printing is Finished or Errors Occur

The printer can notify you of the printer status by email. Even when you are away from the printer, you can know when printing is finished or if errors occur. Receive notification via email on your mobile phone or at your computer.



Use the imagePROGRAF Status Monitor (Windows) function to set up email recipients and message timing. Besides being informed of finished print jobs or errors, you can also complete settings for email notification when service is needed or it's time to replace consumables. For detailed instructions,see "Specifying Printer-Related Information". (→P.478)

Note

- For details on email notification using imagePROGRAF Status Monitor (in Windows), refer to the imagePROGRAF Status Monitor help.

Initializing the Network Settings

Use RemoteUI to restore the network settings to the default values as follows.

Important

- Initializing the network settings will also restore the default value of the printer's IP address. As a result, the RemoteUI page cannot be displayed in the web browser after this procedure.
- For instructions on reconfiguring the IP address, see "Configuring the IP Address on the Printer". (→P.468)
- For details on RemoteUI, see "Using RemoteUI". (→P.472)

1. Start the web browser and enter the following URL in the **Location** (or **Address**) box to display the RemoteUI page.
   http://"printer IP address or name"/
   Example: http://xxx.xxx.xxx.xxx/
2. Select **Administrator Mode** and click **Logon**.
3. If a password has been set on the printer, enter the password.
4. Click **Network** in the **Device Manager** menu at left to display the **Network** page.
5. Click **Reset to Default settings** in the lower-right corner of the **Network Interface** group.
6. After confirming the message, click **OK** to restore the network settings to the default values.

Note

- You can also use imagePROGRAF Device Setup Utility or the Control Panel to restore the default network settings.
- If you use the Control Panel to initialize the network settings, press the **Menu** button to display **MAIN MENU**, and then press ▲, ▼, and ► to select **Interface Setup** → **Ethernet Driver** → **Init. Settings** → **Yes** (in this order), and finally press the **OK** button.

Network Setting (Windows)

Configuring the Printer Driver Destination (Windows)

This topic describes how to specify the printer driver destination if the printer's IP address is changed, or if you will use the printer over a network connection instead of via USB connection.
The procedure described below is the configuration based on the LPR or Raw protocol using the standard TCP/IP port in Windows (**Standard TCP/IP Port**).

Important

- If you will use the printer in a TCP/IP network, make sure the printer's IP address is configured correctly.
  - Configuring the IP Address on the Printer (→P.468)

1. Open the **Printers and Faxes** (or **Printers**) window.
2. Right-click the icon of this printer and choose **Properties** to open the printer properties window.
3. Click the **Port** tab to display the **Port** sheet.
4. Click **Add Port** to display the **Printer Ports** dialog box.
5. In the **Available Port** list, select **Standard TCP/IP Port**.
6. Click **New Port**.
   After the wizard starts, a window is displayed for the **Welcome to the Add Standard TCP/IP Printer Port Wizard**.
7. Click **Next**.
8. In **Printer Name or IP Address**, enter the printer's IP address.
9. Follow the instructions on the screen to add a printer port.
10. Click **Close** to close the **Printer Ports** dialog box.
11. Make sure the printer port you added is displayed under **Ports**, and that the port is selected.
12. Click **Close** to close the printer properties window.

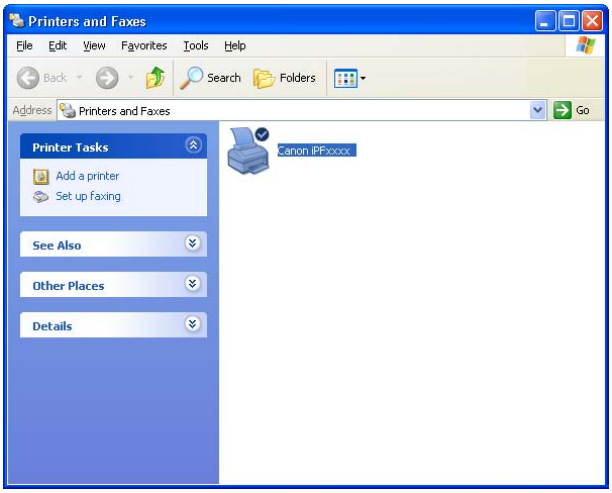
Sharing the Printer in Windows

If you set up a computer as a print server in Windows 2000, Windows XP, Windows Server 2003, Windows Vista, or Windows Server 2008, the computer can receive print jobs sent from other computers (clients) connected to it for printing. This topic describes how to share the printer in Windows.

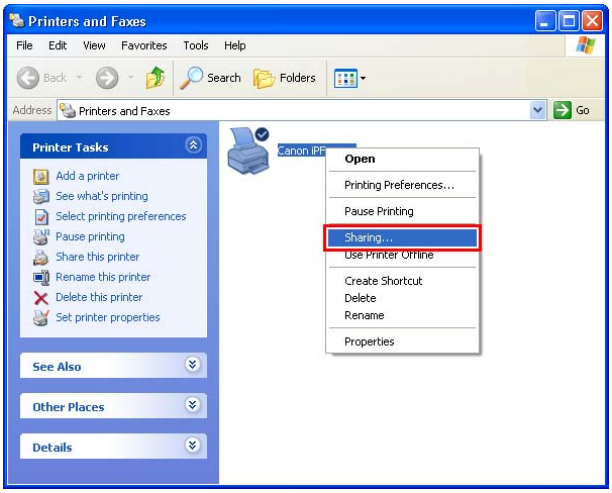
Important

- We recommend that your network administrator configure your network for printer sharing.

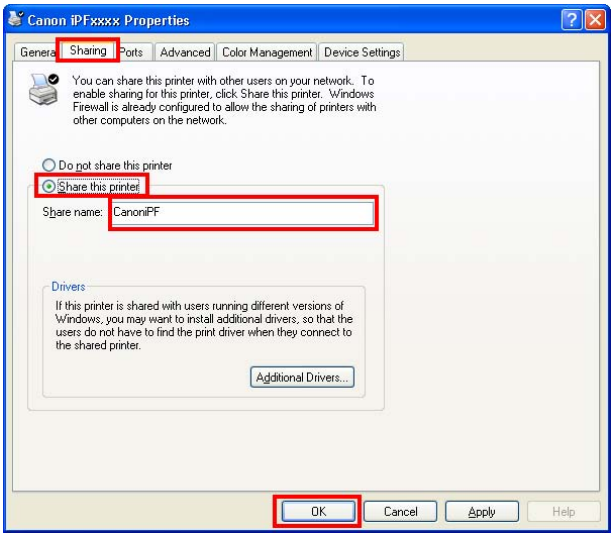
1. Open the **Printers and Faxes** (or **Printers**) window.



2. Right-click the icon of this printer and choose **Sharing** to open the printer properties window.



3. On the **Sharing** sheet, click **Share this printer** and enter the shared name.



4. To print jobs from clients running other versions of Windows, click **Additional Drivers** and follow the instructions to install the printer driver of the corresponding version.
   If you are prompted to choose the location of the printer driver file, insert the provided User Software CD-ROM in the CD-ROM drive and specify the folder where the printer driver is located.
5. Click **OK**.

Important

- When installing the printer driver on client computers, select "Network Printer" on the connection type screen in the printer wizard, and then select the printer shared from the computer set up as the print server.

Configuring the Printer's NetWare Network Settings

Follow the steps below to configure the NetWare network settings.

1. Start the web browser and enter the following URL in the **Location** (or **Address**) box to display the RemoteUI page.
   http://"printer IP address or name"/
   Example: http://xxx.xxx.xxx.xxx/
2. Select **Administrator Mode** and click **Logon**.
3. If a password has been set on the printer, enter the password.
4. Click **Network** in the **Device Manager** menu at left to display the **Network** page.
5. Click **Edit** in the upper-right corner of the **NetWare** group to display the **Edit NetWare Protocol Settings** page.
6. Refer to the NetWare Settings Items table to complete the settings.

NetWare Settings Items

Item		Details	Default Setting
Frame Type		Specify the type of frame to use in NetWare.	Disabled
NCP Burst Mode		Activate this setting to use NCP Burst Mode. This mode supports fast data transfer when printing in queue server mode. Normally, leave the setting On.	On
Print Application		Choose the print service. • **Bindery PServer** • **RPrinter** • **NDS PServer** • **NPrinter**	NDS PServer
Packet Signature		Select **If Requested by Server** to use packet signature.	**If Requested by Server**
Bindery PServer	**File Server Name**	Specify the name of a file server that has a NetWare print server. (0-47 characters)	-
	Print Server Name	Specify the name of a NetWare print server. (0-47 characters)	-
	Print Server Password	Set a password for the print server. (0-20 characters)	-
	Polling Interval	Specify the interval to confirm jobs. (1-15 seconds)	5
RPrinter	**Print Server Name**	Specify the name of a NetWare print server. (0-47 characters)	-

Item		Details	Default Setting
	Printer Number	Specify the number of the printer connected to the NetWare print server. (0-15)	0
NDS PServer	**Tree Name**	Specify the name of an NDS tree that has a NetWare print server. (0-32 characters)	-
	Context Name	Specify the name of a context that has a NetWare print server. (0-255 characters)	-
	Print Server Name	Specify the name of a NetWare print server. (0-64 characters)	-
	Print Server Password	Set a password for the print server. (0-20 characters)	-
	Polling Interval	Specify the interval to confirm jobs. (1-255 seconds)	5
NPrinter	**Print Server Name**	Specify the name of a NetWare print server. (0-47 characters)	-
	Printer Number	Specify the number of the printer connected to the NetWare print server. (0-254)	0

7. Click **OK** to display the **Network** page.

Specifying the Printer's Frame Type

To enable communication between the printer and computers in your network, specify the Ethernet frame type in your NetWare environment.
Follow these steps to specify the frame type by using imagePROGRAF Device Setup Utility or the printer Control Panel.

Note

- You can specify the frame type by using RemoteUI if the printer's IP address is configured.

Important

- Before specifying the frame type, make sure the printer is on and connected to the network.
- For instructions on installing imagePROGRAF Device Setup Utility, see "Installing imagePROGRAF Device Setup Utility". (→P.494)

Specifying the frame type using imagePROGRAF Device Setup Utility

1. Start imagePROGRAF Device Setup Utility.
2. In the list of printers, select the printer to configure.
3. Choose **Protocol Settings** from the **Printer** menu.
4. In the **NetWare Frame Type** list, select the frame type.
5. Make sure **ETHERNET II** is selected under **Frame Type** in **TCP/IP**.
6. In **IP Address**, enter the IP address assigned to the printer, and then enter the subnet mask in **Subnet Mask** and the default gateway in **Gateway Address**.

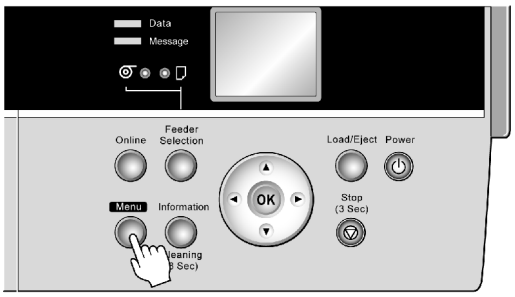
   Important

   - You must specify the IP address here to be able to configure NetWare protocol settings using RemoteUI.

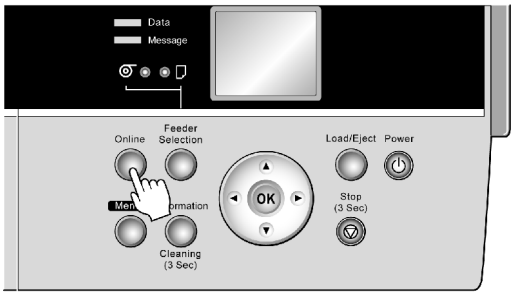
7. Click **Set**.
8. Click **OK** after the **Confirmation** message dialog box is displayed.
9. Exit imagePROGRAF Device Setup Utility.

Specifying the frame type using the printer Control Panel

1. Press the **Menu** button to display **MAIN MENU**.



2. Press ▲ or ▼ to select **Interface Setup**, and then press the ► button.
3. Press ▲ or ▼ to select **NetWare**, and then press the ► button.
4. Press ▲ or ▼ to select **NetWare**, and then press the ► button.
5. Press ▲ or ▼ to select **On**, and then press the **OK** button.
   The display reverts to the **NetWare** menu.
6. Press ▲ or ▼ to select **Frame Type**, and then press the ► button.
7. Press ▲ or ▼ to select the frame type to use, and then press the **OK** button.
   The display reverts to the **NetWare** menu.
8. Press ▲ or ▼ to select **Print Service**, and then press the ► button.
9. Press ▲ or ▼ to select the desired print service, and then press the **OK** button.
   The display reverts to the **NetWare** menu.
10. Press the **Online** button to bring the printer online.
    If any of the settings is changed, a confirmation message is displayed. In this case, press the **OK** button.



Important

- Be sure to complete step 10. This will activate the values you have entered.

Note

- To cancel the setup process, hold down the **Stop** button for a second or more.

Specifying NetWare Print Services

Before printing in a NetWare network, you must configure print services such as print servers, print queues, and so on. You can configure the print service settings from a computer using any of the following software.

- NWADMIN
- PCONSOLE
  (from Novell, provided with NetWare)

Important

- If you use NWADMIN to configure the print service settings, Novell Client (the Novell NetWare client software) must be installed as the client software application.
- NetWare networking is unsupported in Windows Vista.

This topic gives instructions for configuring NetWare print services. The order of this procedure may vary depending on the environment.

Choosing the type of print services

Before completing print service settings, choose the type of print service. Refer to the following descriptions as needed.

Note

- In NetWare 5.1 or 6.0, NDPS may also be used as the print service. If you use NDPS, use the Novell printer gateway included with NetWare. For details on configuring NDPS, refer to the NetWare documentation.

- NDS (Novell Directory Service) and bindery
  NDS and bindery are both supported. Use the mode that is compatible with your network environment.
- Queue server mode and remote printer mode
  Queue server mode and remote printer mode are both supported.
  - Queue server mode
    When using queue server mode, all print server functions are supported, so there is no need for other print server software or hardware. In NDS queue server mode (NDS PServer), the NDS print server is used for printing. In bindery queue server mode (Bindery PServer), the bindery print server is used for printing. Note that if you use queue server mode, a NetWare user license is required for each network interface.
  - Remote printer mode
    In remote printer mode, the printer is controlled by the NetWare print server. Thus, a NetWare print server is required. In NDS remote printer mode (NPrinter), the NDS print server is used for printing, and in bindery remote printer mode (RPrinter), the bindery print server is used for printing.

Using NWADMIN or PCONSOLE to set up the print server

Use NWADMIN to set up the print server if NDS queue server mode or remote printer mode is used.

1. Log into NetWare as Administrator or with equivalent rights, and then start NWADMIN.
2. Run Quick Setup.
   1. Choose **Print Services Quick Setup** in the **Tools** menu.
   2. Enter a desired name in **Print Server Name**. To use an existing print server, click the button at right and choose the name from the list.
   3. Enter a desired printer name in **Name**.
   4. To use the printer in queue server mode, choose **Other/Unknown** in **Type**. To use the printer in remote printer mode, choose **Parallel** in **Type**, click **Communications**, and set **Ports** to **LPT1** and **Connection Type** to **Manual Load**.
   5. Enter a desired queue name in **Name**.
   6. In **Volume**, enter the volume object (that is, the object representing the physical volume on the network) where the print queue will be created. Click the button at right to choose from a list.
   7. Complete other settings as needed and click **OK**.

   Note
   - The print server name will be required when configuring the printer's protocol settings. Write down the print server name for future reference.
   - When running Quick Setup, the printer is assigned printer number "0." When using the printer in queue server mode, do not change the printer number from "0."
3. Set a password.
   1. Right-click the print server created in step 2 and choose **Details**.
   2. Click **Change Password** to open the password input dialog box. Enter the password.
   3. Click **OK** to close the password input dialog box.
   4. Click **OK** or **Cancel** to close the details dialog box.
4. To use the printer in remote printer mode, start the print server.

   To use the NetWare file server as the print server, enter "LOAD PSERVER.NLM" at the file server and press the Enter key.

   Note
   - This procedure is not required when using queue server mode.

Use PCONSOLE to set up the print server if bindery queue server mode or remote printer mode is used.

1. Log into NetWare as Supervisor and start PCONSOLE.
2. Switch to bindery mode.
3. If the print server has not been created, create it.
    1. In **Available Options**, select **Quick Setup** and press the Enter key.
    2. Enter the name of the new print server, the new printer, and the queue.

    Note
    - The print server name will be required when configuring the printer's protocol settings. Write down the print server name for future reference.
4. Specify the printer type.
    1. To use the printer in queue server mode, choose **Other/Unknown** in **Type**. To use remote printer mode, set **Printer Type** to **Parallel** and **Position** to **Manual Load**.
    2. Press the Esc key.
    3. After the confirmation message is displayed, choose **Yes** and press the Enter key.
5. Set a password.
    1. In **Available Options**, select **Print Servers** and press the Enter key.
    2. Select the print server created in step 2 and press the Enter key.
    3. Select **Password**, and press the Enter key to display the password input dialog box.
    4. Enter the password and press the Enter key.
6. Press the Esc key several times to display the dialog box for confirming that PCONSOLE is finished.
7. Click **Yes** to exit PCONSOLE.

Specifying NetWare Protocols

Follow the steps below to configure NetWare protocol settings other than the frame type by using RemoteUI.

Note

- For details on RemoteUI, see “Using RemoteUI”. (→P.472)

1. Start the web browser and enter the following URL in the **Location** (or **Address**) box to display the RemoteUI page.
   http://“printer IP address or name”/
   Example: http://xxx.xxx.xxx.xxx/
2. Select **Administrator Mode** and click **Logon**.
3. If a password has been set on the printer, enter the password.
4. Click **Network** in the **Device Manager** menu at left to display the **Network** page.
5. Click **Edit** in the upper-right corner of the **NetWare** group to display the **Edit NetWare Protocol Settings** page.
6. Make sure the **Frame Type** indicates the frame type used on the NetWare network.
7. To use burst mode, choose **On** for **NCP Burst Mode**.

   Note

   - Burst mode supports fast data transfer when printing in queue server mode. Normally, choose **On**.

8. In **Print Application**, click the print service to be used.

   Note

   - Only one print service selected here will be enabled. Multiple print services are not available at the same time.

9. For packet signature, click **If Requested by Server** in **Packet Signature**.
10. Complete the following settings based on the selected service.
    - If you have selected Bindery PServer: Queue Server Mode (Using a Bindery Print Server)
      1. In **File Server Name**, enter the file server name.
      2. In **Print Server Name**, enter the name of the print server created in "Specifying NetWare Print Services. (→P.488)"
      3. In **Print Server Password**, enter the password of the print server created in "Specifying NetWare Print Services. (→P.488)"
      4. In **Polling Interval**, specify the interval at which the printer checks the NetWare print queue.
    - If you have selected RPrinter: Remote Printer Mode (Using a Bindery Print Server)
      1. In **Print Server Name**, enter the advertising name of the print server created in "Specifying NetWare Print Services. (→P.488)"
      2. In **Printer Number**, enter the same printer number specified in "Specifying NetWare Print Services. (→P.488)"

- If you have selected NDS PServer: Queue Server Mode (Using an NDS Print Server)
  1. In **Tree Name** and **Context Name**, enter the tree and context name of the print server.
  2. In **Print Server Name**, enter the name of the print server created in "Specifying NetWare Print Services. (→P.488)"
  3. In **Print Server Password**, enter the password of the print server created in "Specifying NetWare Print Services. (→P.488)"
  4. In **Polling Interval**, specify the interval at which the printer checks the NetWare print queue.
- If you have selected NPrinter: Remote Printer Mode (Using a NDS Print Server)
  1. In **Print Server Name**, enter the advertising name of the print server created in "Specifying NetWare Print Services. (→P.488)" Usually, the advertising name is the same as the name of the print server.
  2. In **Printer Number**, enter the same printer number specified in "Specifying NetWare Print Services. (→P.488)"

11. Click **OK** to display the **Network** page.
12. Click **Reset** to activate the settings.

For a list of NetWare protocol settings items, see “Configuring the Printer’s NetWare Network Settings”. (→P.476)

Note

- If you use RemoteUI to display the print log in RPrinter or NPrinter mode, the document and user information cannot be obtained. Thus, **Document Name** only indicates **Unknown**, and the **User Name** information is identified as **RPRINTER/NPRINTER**.

Configuring NetWare Network Settings

To print over a NetWare network, configure the network environment as follows.

Important

- To configure network settings, you must be logged in with administrative rights such as “Administrator” account. We recommend that your network administrator configure the network settings.

1. Specify the Ethernet frame type for communication between the printer and computers.
   For instructions, see “Specifying the Printer’s Frame Type”. (→P.486)
2. Specify the NetWare print services, including the print server and queue.
   For instructions, see “Specifying NetWare Print Services”. (→P.488)
3. Specify NetWare protocol details besides the frame type.
   For instructions, see “Specifying NetWare Protocols”. (→P.491)
   After you have completed the steps above, configure each computer for printing over the NetWare network.
4. Connect to the NetWare network.
   Install NetWare client software on each computer to be used for printing over the network, and log in to the NetWare server or tree. For instructions on connection, refer to the NetWare and operating system documentation.
5. Install the printer driver.
   Follow the instructions of your network administrator to install the printer driver on each computer to be used for printing. When installing the printer driver, choose **Network Printer** as the printer destination, and then choose the print queue created from the NetWare print service settings.
6. Follow these steps to configure the printer port. This step is not necessary if you specified the printer destination during installation of the printer driver.
   1. Open the **Printers and Faxes** (or **Printers**) window.
   2. Right-click the printer icon and choose **Properties**.
   3. Click the **Port** (or **Advanced**) tab to display the **Port** (or **Advanced**) sheet.
   4. As the destination port, specify the print queue created by configuring the NetWare print service settings.

Installing imagePROGRAF Device Setup Utility

Install imagePROGRAF Device Setup Utility from the User Software CD-ROM provided with the printer as follows:

Important

- In Windows 2000/Windows XP/Windows Server 2003/Windows Vista/Windows Server 2008, you must log on with administrative rights equivalent to the “Administrator” account.

1. Insert the User Software CD-ROM in the CD-ROM drive.
2. On the **Setup Menu** window, click **Install Individual Software**.
3. Click **Install** in imagePROGRAF Device Setup Utility.
4. Follow the instructions on the screen to proceed with the installation.

Configuring the IP Address Using imagePROGRAF Device Setup Utility

From a computer running Windows, you can use imagePROGRAF Device Setup Utility provided with the printer to configure the printer's IP address. This topic describes how to configure the IP address using imagePROGRAF Device Setup Utility.

Important

- To configure network settings, you must be logged in with administrative rights such as "Administrator" account. We recommend that your network administrator configure the network settings.
- For instructions on installing imagePROGRAF Device Setup Utility, see "Installing imagePROGRAF Device Setup Utility". (→P.494)

1. Start imagePROGRAF Device Setup Utility from the **start** menu.
2. In the **Product Name** list displayed, select the printer to configure.
3. Choose **Protocol Settings** from the **Printer** menu.
4. In the **Setting IP Address** list, choose **Manual**.
5. Enter the IP address assigned to the printer and click the **Set** button.
6. Click **OK** after the **Confirmation** message dialog box is displayed.
7. Exit imagePROGRAF Device Setup Utility.

Note

- To configure the IP address automatically, choose **Auto** in the **Setting IP Address** list and select **DHCP**, **BOOTP**, or **RARP**.
- You can also specify the subnet mask and default gateway.

Network Setting (Mac OS X)

Configuring the Printer Driver Destination (Macintosh)

Specify the printer driver destination as follows if the printer's IP address is changed, or if you will use the printer over a network connection instead of via USB connection.

- If you switch to printing in an AppleTalk network, see "Configuring the Destination for AppleTalk Networks (Macintosh)". (→P.498)
- If you switch to printing in a TCP/IP network, or if the printer's IP address is changed, see "Configuring the Destination for TCP/IP Network (Macintosh)". (→P.501)
- If you switch to printing in a Bonjour network, see "Configuring the Destination for Bonjour Network (Macintosh)". (→P.504)

Configuring the Printer's AppleTalk Network Settings

Follow the steps below to configure the AppleTalk network settings.

1. Start the web browser and enter the following URL in the **Location** (or **Address**) box to display the RemoteUI page.
   http://"printer IP address or name"/
   Example: http://xxx.xxx.xxx.xxx/
2. Select **Administrator Mode** and click **Logon**.
3. If a password has been set on the printer, enter the password.
4. Click **Network** in the **Device Manager** menu at left to display the **Network** page.
5. Click **Edit** in the upper-right corner of the **AppleTalk** group to display the **Edit AppleTalk Protocol Settings** page.
6. Refer to the AppleTalk Settings Items table to complete the settings.

   AppleTalk Settings Items

Item	Details	Default Setting
Phase Type	Specify whether to use AppleTalk. If you will use AppleTalk, choose **Phase 2**. If you will not use AppleTalk, choose **Disabled**.	Disabled
Name (*1)	Specify the object name used by AppleTalk (in up to 31 single-byte or 15 double-byte characters). However, do not use the following single-byte characters: @, *, :, and =.	Canon NB-17FB (xxxxxx)
Zone (*2)	Specify the printer zone name, up to 31 single-byte characters. However, do not use the following single-byte characters: @, :, and =. Also avoid using "*" (which represents the default zone) in the middle of a string.	*

   *1:The object name you have specified in **Name** is displayed in **Printer Setup Utility** (or **Print Center**) in Mac OS X 10.2.8-10.4. If you use multiple printers in the same zone, assign a unique name to each printer. By default, the network interface name is "Canon NB-17FB (xxxxxx)." (Here, xxxxxx is the last six digits of the printer's MAC address.)

   2: If zones have been created on the network, enter the name of the printer's zone. If there are no zones, leave the asterisk "" entry (for the default zone) as it is. If you enter a network zone name that does not match created zones, the printer will not be detected by Macintosh computers. Consult your network administrator for information on zone names.
7. Click **OK** to display the **Network** page.

Configuring the Destination for AppleTalk Networks (Macintosh)

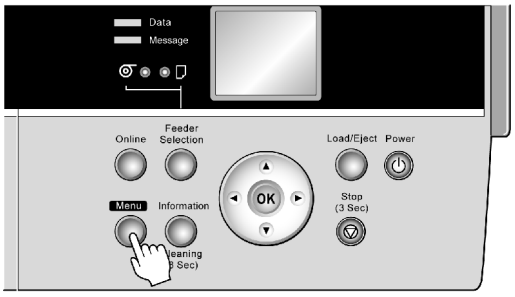
To print over an AppleTalk network, activate the AppleTalk protocol and configure the destination as follows.

Activating AppleTalk on the printer

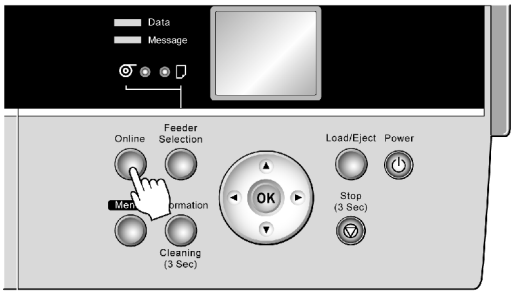
Important

- By factory default, the AppleTalk protocol is disabled on the printer.

1. Press the **Menu** button to display **MAIN MENU**.



2. Press ▲ or ▼ to select **Interface Setup**, and then press the ► button.
3. Press ▲ or ▼ to select **AppleTalk**, and then press the ► button.
4. Press ▲ or ▼ to select **On**, and then press the **OK** button.
5. Press the **Online** button to bring the printer online.
   If any of the settings is changed, a confirmation message is displayed. In this case, press the **OK** button.



Important

- Be sure to complete step 5. This will activate the values you have entered.

Note

- By using RemoteUI, you can also specify the object name used by AppleTalk, as well as the printer zone name.
  For details on RemoteUI, see “Using RemoteUI”. (→P.472)

Configuring the destination (Mac OS X)

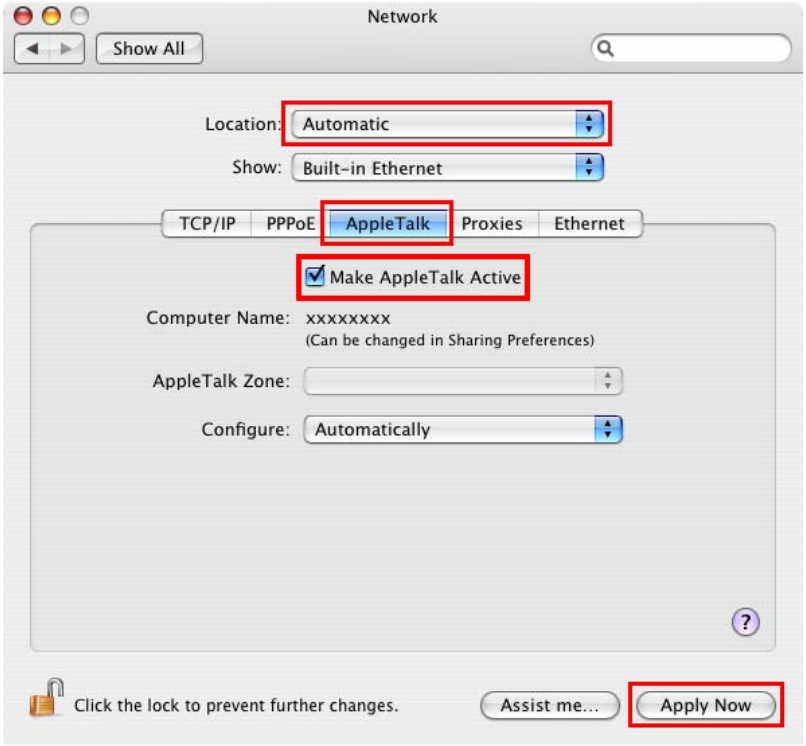
Important

- AppleTalk is supported in Mac OS X 10.2.8-10.4.

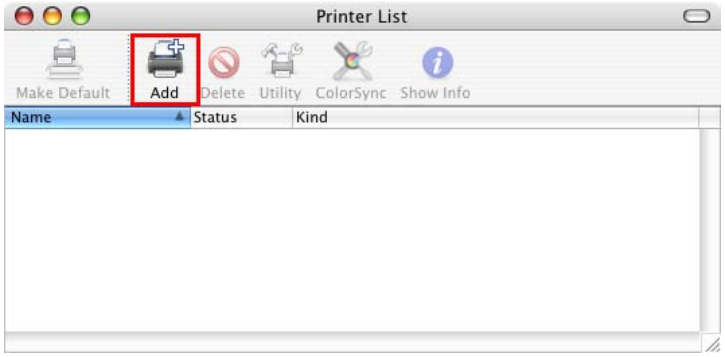
Note

- The following procedures are based on Mac OS X 10.4. The method of configuring the destination varies depending on the version of Mac OS X.

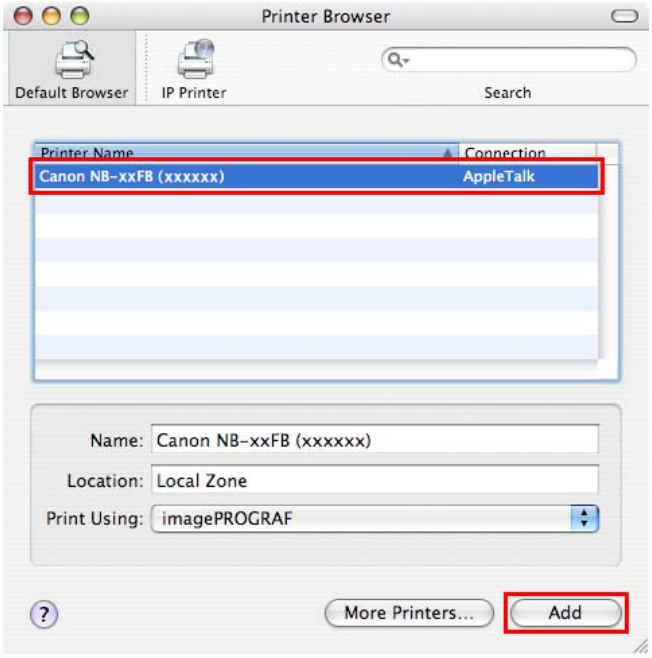
1. In **System Preferences**, click **Network** to display the **Network** window.
2. In **Show**, choose **Built-in Ethernet**. Next, click **AppleTalk**, select **Make AppleTalk Active**, and click **Apply now**.



3. Close the **Network** window and save the settings.
4. Choose **Utilities** (or **Applications**) in the **Go** menu of **Finder**.
5. Click **Printer Setup Utility** (or **Print Center**) in the **Utilities** folder.
6. If the printer name is not displayed in **Printer List**, click **Add**.



7. Select the printer from the list in the **Printer Browser** window and click **Add**.



Configuring the Destination for TCP/IP Network (Macintosh)

Follow the steps below to configure the destination if you will use the printer in a TCP/IP network.

Important

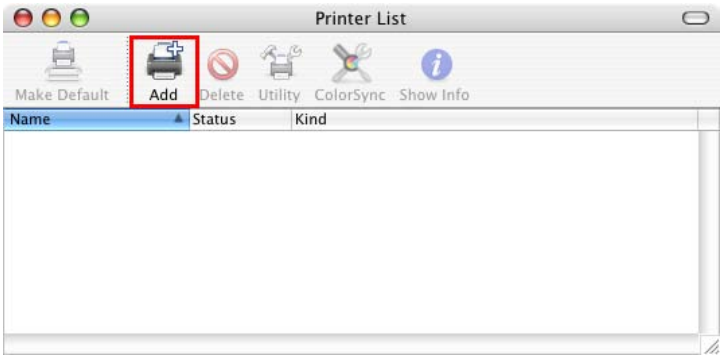
- If you will use the printer in a TCP/IP network, make sure the printer's IP address is configured correctly.
  - Configuring the IP Address Using the Printer Control Panel (→P.470)

Configuring the Destination (Mac OS X)

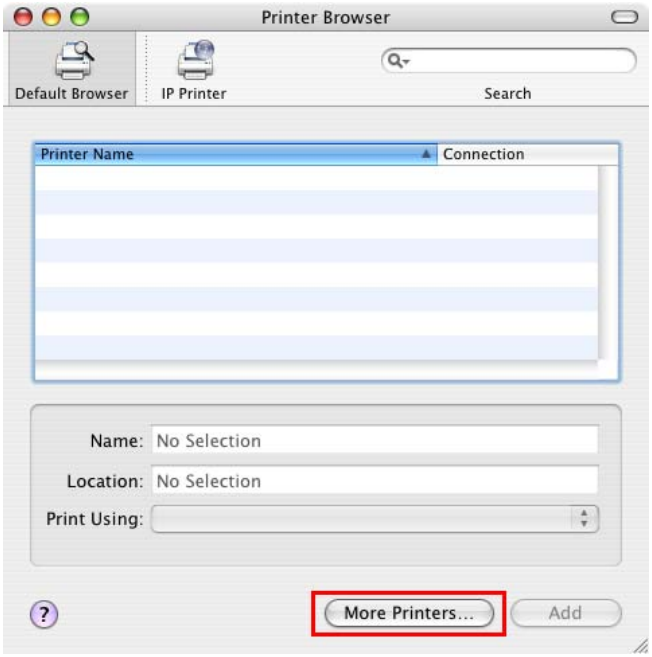
Note

- The following procedures are based on Mac OS X 10.4. The method of configuring the destination varies depending on the version of Mac OS X. If you use other versions, refer to the help for the **Printer Setup Utility** (or the **Print Center**).

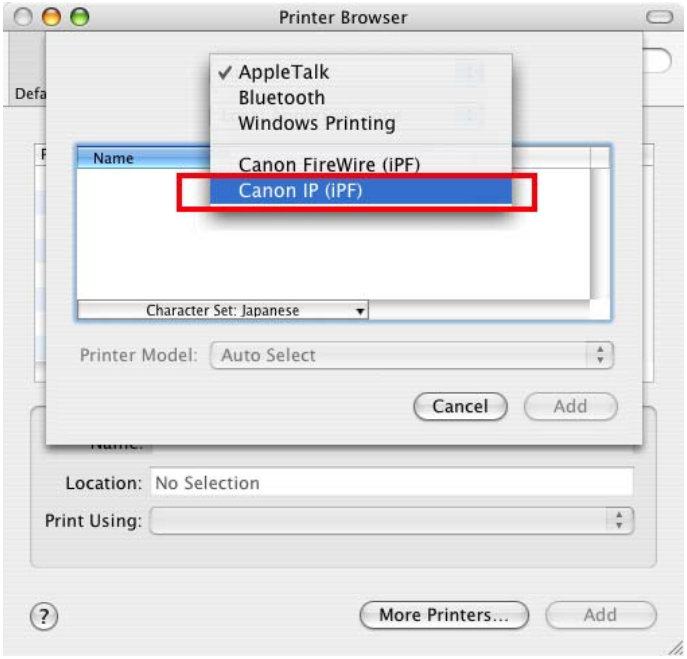
1. Choose **Utilities** (or **Applications**) in the **Go** menu of **Finder**.
2. Click **Printer Setup Utility** (or **Print Center**) in the **Utilities** folder.
3. Click **Add** to display the **Printer Browser** window.



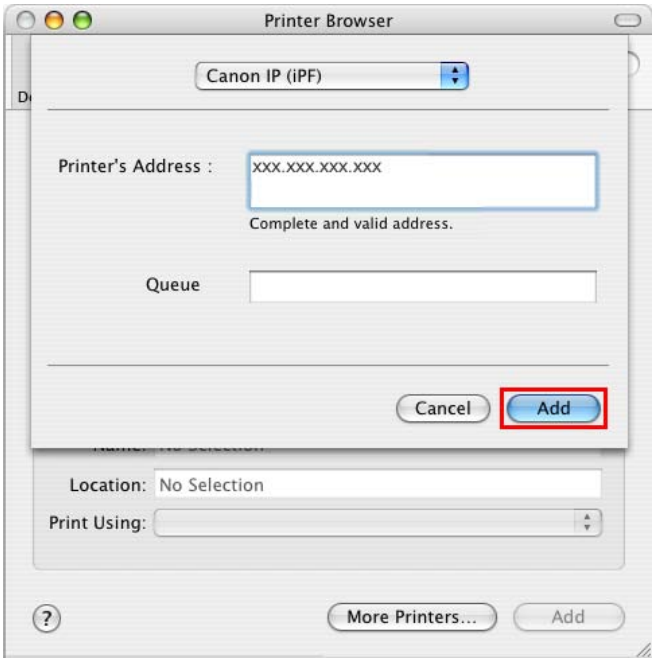
4. Click **More Printers**.



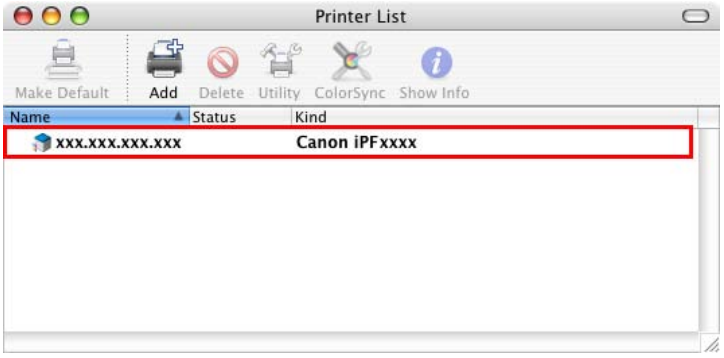
5. In the list of connection methods, click **Canon IP(iPF)**.



6. Enter the printer's IP address in **Printer's Address** and click **Add**.



7. Make sure the printer has been added, and then close the **Printer List** window.



Important

- If **imagePROGRAF Generic** is indicated in **Kind**, the printer information is not properly acquired. Make sure the printer is on and connected to the network. (→P.673)

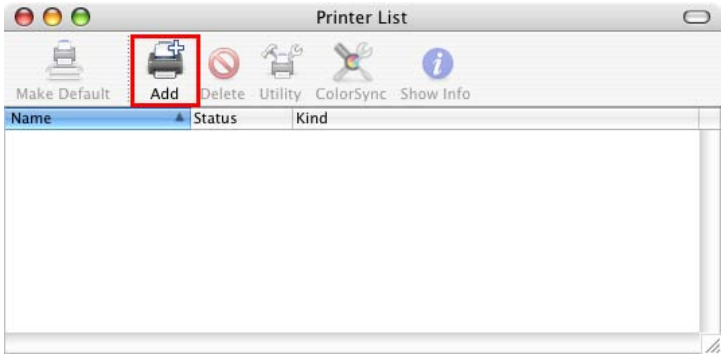
Configuring the Destination for Bonjour Network (Macintosh)

In Mac OS X 10.2.8 and later, use Bonjour functions to easily connect the printer to the network. Follow the steps below to configure the destination if you use the printer on TCP/IP network.

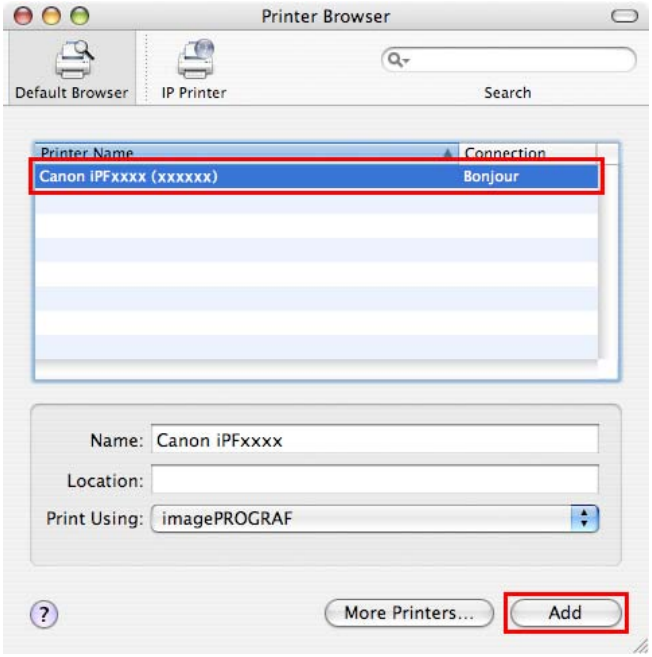
Important

- Bonjour and **IP Print (Auto)** do not support printing to a printer on other network groups that require a router for connection. Make sure the computer and printer are on the same network. For information about network settings, ask your network administrator.
- By default, Bonjour is activated on the printer. The printer name as displayed in **Printer Setup Utility** (or **Print Center**) in Mac OS X is predefined as the **Multicast DNS Service Name**. You can activate or deactivate the Bonjour function or change the printer name by using RemoteUI. For instructions on changing it, see “Using RemoteUI”. (→P.472)

1. Choose **Utilities** (or **Applications**) in the **Go** menu of **Finder**.
2. Click **Printer Setup Utility** (or **Print Center**) in the **Utilities** folder.
3. If the printer name is not displayed in **Printer List**, click **Add**.



4. Select the printer from the list in the **Printer Browser** window and click **Add**.



Hard Disk

Hard Disk

Printer Hard Disk Operations

Printer hard disk operations are available from the following programs and interfaces.

- Printer driver
- imagePROGRAF Print Plug-In
- imagePROGRAF Free Layout (Windows)
- imagePROGRAF Free Layout (Mac OS)
- Color imageRUNNER Enlargement Copy
- imagePROGRAF Status Monitor
- imagePROGRAF Printmonitor
- RemoteUI
- Control Panel

The hard disk operations available through each interface are as follows.

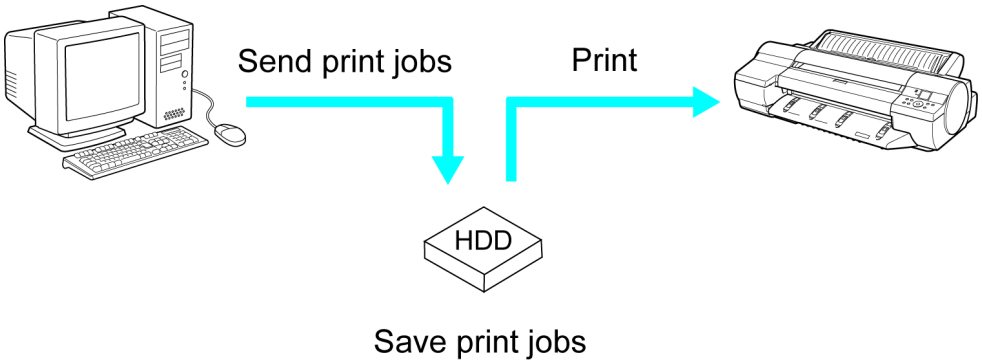
<table>
<tr><th colspan="2" rowspan="2">Windows</th><th>Printer driver</th><th>image-PROGRAF Free Layout</th><th rowspan="2">image-PROGRAF Status Monitor</th><th rowspan="3">RemoteUI</th><th rowspan="3">Control Panel</th></tr>
<tr><th>image-PROGRAF Print Plug-In</th><th>Color image-RUNNER Enlargement Copy</th></tr>
<tr><th colspan="2" rowspan="3">Mac OS</th><th>Printer driver</th><th rowspan="3">Color image-RUNNER Enlargement Copy</th><th rowspan="3">image-PROGRAF Printmonitor</th></tr>
<tr><th>image-PROGRAF Print Plug-In</th></tr>
<tr><th>image-PROGRAF Free Layout</th></tr>
<tr><th colspan="2">Operation</th><th>Availability</th><th>Availability</th><th>Availability</th><th>Availability</th><th>Availability</th></tr>
<tr><td rowspan="6">Saving print jobs</td><td>Print</td><td>Yes</td><td>Yes</td><td>No</td><td>No</td><td>No</td></tr>
<tr><td>Print (auto delete)</td><td>Yes</td><td>Yes</td><td>No</td><td>No</td><td>No</td></tr>
<tr><td>Save in mail box</td><td>Yes</td><td>No</td><td>No</td><td>No</td><td>No</td></tr>
<tr><td>Save data before printing(*1)</td><td>Yes</td><td>Yes</td><td>No</td><td>No</td><td>No</td></tr>
<tr><td>Do Not Save Print Jobs in the Common Box</td><td>No</td><td>No</td><td>No</td><td>No</td><td>Yes</td></tr>
<tr><td>Save print jobs sent from sources other than the printer driver</td><td>No</td><td>No</td><td>No</td><td>No</td><td>Yes</td></tr>
</table>

Windows		Printer driver	image-PROGRAF Free Layout	image-PROGRAF Status Monitor	RemoteUI	Control Panel
		image-PROGRAF Print Plug-In	Color image-RUNNER Enlargement Copy			
Mac OS		Printer driver	Color image-RUNNER Enlargement Copy	image-PROGRAF Printmonitor		
		image-PROGRAF Print Plug-In				
		image-PROGRAF Free Layout				
Operation		**Availability**	**Availability**	**Availability**	**Availability**	**Availability**
Operations with saved jobs	Print saved jobs	No	No	Yes	Yes	Yes
	Delete saved jobs	No	No	Yes	Yes	Yes
Job queue management	Display job queue	No	No	Yes	Yes	Yes
	Delete	No	No	Yes	Yes	Yes
	Priority	No	No	Yes	Yes	Yes
Mail box management	Move saved jobs	No	No	Yes	Yes	No
	Modify saved jobs	No	No	Yes	Yes	No
	Modify mail boxes	No	No	Yes	Yes	No
	Print a list of saved jobs	No	No	No	No	Yes
	Display a list of saved jobs	No	No	Yes	Yes	Yes
Other operations	Display free hard disk space	No	No	Yes	Yes	Yes
	Initialize hard disk	No	No	No	No	Yes
	Display the time of printing	No	No	Yes	Yes	Yes
Display error messages		No	No	Yes	Yes	Yes

*1:This option is available in combination with **Print**, **Print (auto delete)**, and **Save in mail box**. Print jobs are saved and then printed.

Saved Print Jobs

Saving print jobs refers to the process of sending print jobs from a computer and storing them on the printer's hard disk. By saving print jobs, you can print them repeatedly as needed without sending them from a computer again.



Saving print jobs offers the following benefits.

- Save the time spent using a computer

  When you send a print job to the printer, you can either print it and save it on the printer at the same time or simply save it on the printer without printing it yet. Saved print jobs can be printed in the required quantity later without the need to use a computer again.
- Simplify reprinting, if any errors occur

  If errors occur in the middle of printing (as when paper runs out), you can resume printing after clearing the error without resending the print job from a computer.
- Streamline printing work

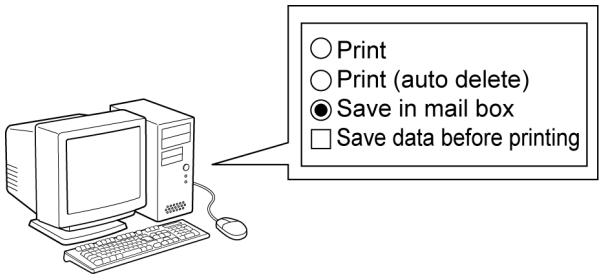
  Without using a computer, you can select print jobs and print in the desired quantity. You can also select multiple print jobs to print during the same period. This enables unattended operation at night, for example.

Note

- When you print jobs that have already been printed, the previous time of printing is indicated on the Display Screen and in RemoteUI, imagePROGRAF Status Monitor, and imagePROGRAF Printmonitor.

Output Method (Send job to)

To save print jobs on the printer's hard disk, select **Output Method** (in Windows) or **Send job to** (in Mac OS X). Three options are available in **Output Method** (in Windows) or **Send job to** (in Mac OS X): **Print**, **Print (auto delete)**, and **Save in mail box**. Optionally, you can also select **Save data before printing**.



- **Print**

  Save print jobs automatically at the same time they are printed. (This is the default format.)
- **Print (auto delete)**

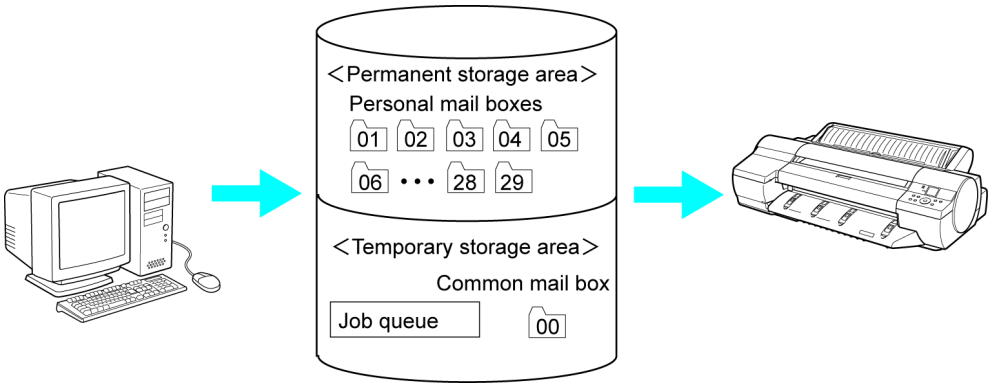
  Save print jobs temporarily at the same time they are printed and delete them after printing.
- **Save in mail box**

  Save print jobs on the printer without printing them.
- **Save data before printing**

  This option is available in combination with **Print**, **Print (auto delete)**, and **Save in mail box**. Print jobs are saved on the hard disk and then printed.

Storage destination

The storage area on the printer's hard disk is divided into a temporary storage area and a permanent storage area. Print jobs in the "job queue" or "common box" are saved in the temporary storage area. Jobs in "personal boxes" are saved in the permanent storage area.



- Job queue

  Print jobs in progress(*1) are temporarily saved in the job queue, a storage space where jobs are saved in the order they will be printed.

  The queue holds up to ten jobs. Subsequent jobs await the processing to add them to the queue.

  *1: Jobs that are being saved, received, processed, printed, or deleted, or jobs that have been interrupted or are waiting to print

- Common box

  If you have selected **Print** in **Output Method** (in Windows) or **Send job to** (in Mac OS X) as the format for print jobs sent from the computer, the jobs are saved in the common box.

  There is one common box, numbered "00". A password cannot be set for the common box.

  Up to 100 print jobs can be saved here, but they will be deleted one after another starting with the oldest job in the following situations.

  - If there are more than 100 jobs in the common box and job queue combined
  - If the temporary storage area becomes full during reception of print jobs for which you have selected **Print** or **Print (auto delete)** in **Output Method** (in Windows) or **Send job to** (in Mac OS X)
  - If there is not enough space in the temporary and permanent storage areas during reception of print jobs for which you have selected **Save in mail box** in **Output Method** (in Windows) or **Send job to** (in Mac OS X)

- Personal boxes

  You can store jobs in personal boxes in either of the following ways.

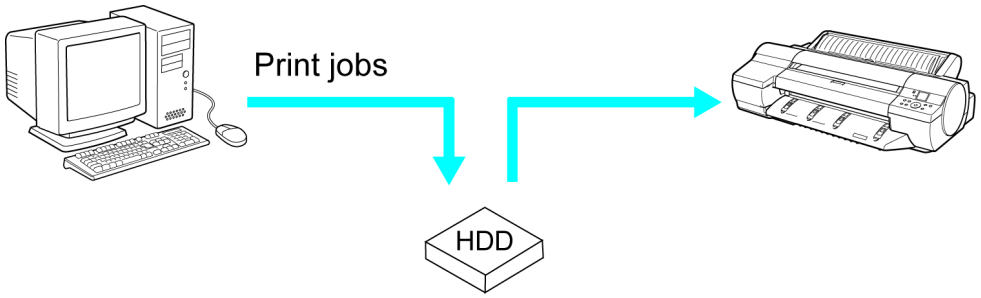
  - By moving a job stored in the common box into a personal box
  - By selecting **Save in mail box** in **Output Method** (in Windows) or **Send job to** (in Mac OS X)

  There are 29 personal boxes, numbered "01" to "29". You can specify a name and password for each personal box.

  Up to 100 print jobs can be saved in all personal boxes combined.

Saving Print Jobs Sent from Sources Other than the Printer Driver

To save print jobs sent from software or systems other than the printer driver provided with the printer, complete the **Output Method** and **Save and Print** settings in the printer menu.

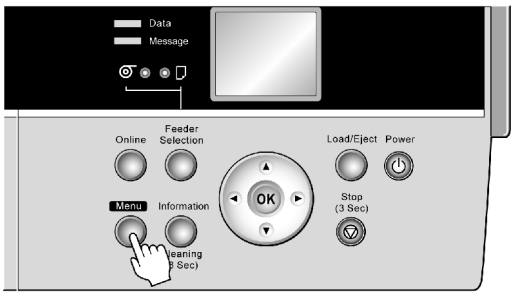


Important

- Contact the software or system developer for information about support for this printer function.

Specifying Output Method

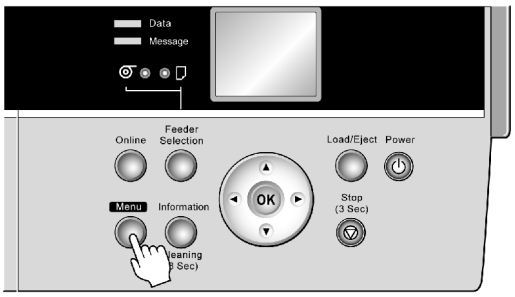
1. Press the **Menu** button to display **MAIN MENU**.



2. Press ▲ or ▼ to select **System Setup**, and then press the ► button.
3. Press ▲ or ▼ to select **Output Method**, and then press the ► button.
4. Press ▲ or ▼ to select the output method, and then press the **OK** button.
   - **Print**
     Save print jobs automatically at the same time they are printed. (This is the default format.)
   - **Print (Auto Del)**
     Save print jobs temporarily at the same time they are printed and delete them after printing.
   - **Save: Box 01** (Here, the number represents a box number)
     Save print jobs on the printer. If you select this option, go to step 5 and select the box for saving print jobs.
5. Press ▲ or ▼ to select the box, and then press the **OK** button.

Specifying Save and Print

1. Press the **Menu** button to display **MAIN MENU**.

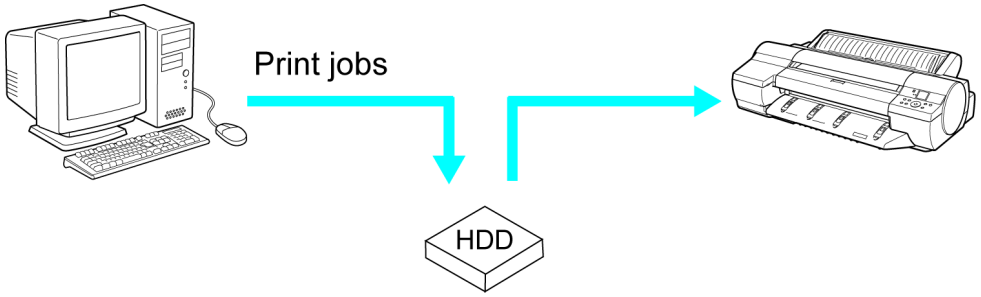


2. Press ▲ or ▼ to select **System Setup**, and then press the ► button.
3. Press ▲ or ▼ to select **Save and Print**, and then press the ► button.
4. Press ▲ or ▼ to select **On**, or **Off**, and then press the **OK** button.

   If you select **On**, print jobs are saved on the hard disk and then printed.

Saving Print Jobs

You can save print jobs on the printer's hard disk.

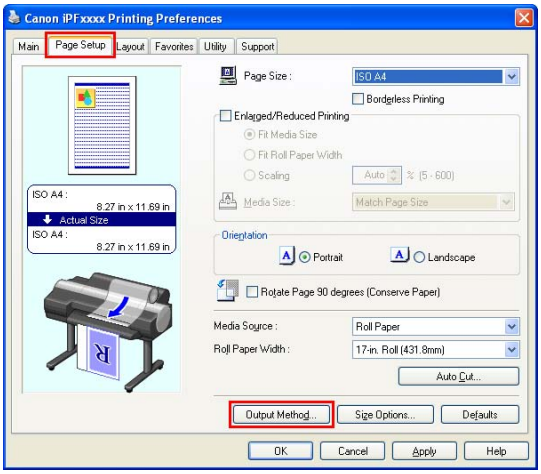


Save print jobs on the printer's hard disk as follows.

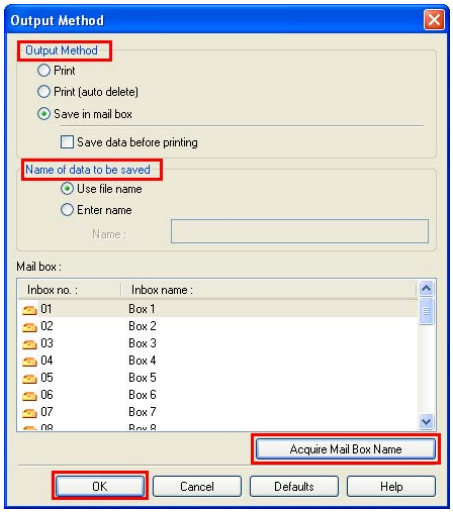
- Using the printer driver (Windows) (→P.512)
- Using Print Plug-In (Windows)
  See the section on the **Set Configuration** button on the **Main** sheet.
- Using Free Layout (Windows)
  See the section on the **Output Method** dialog box.
- Using Color imageRUNNER Enlargement Copy (Windows)
  See the section on the **Output Method** button on the **Output Settings** sheet.
- Using **imagePROGRAF Preview** (Windows)
  Printer driver settings will be used for the format of saved print jobs. (→P.512)
- Using the printer driver (Mac OS) (→P.514)
- Using Print Plug-In (Mac OS)
  See the section on the **Set Configuration** button in the **Main** pane.
- Using Free Layout (Mac OS)
  Printer driver settings will be used for the format of saved print jobs. (→P.514)
- Using Color imageRUNNER Enlargement Copy (Mac OS)
  See the section on the **Output Method** button in the **Output Settings** pane.
- Using **imagePROGRAF Preview** (Mac OS)
  Printer driver settings will be used for the format of saved print jobs. (→P.514)
  However, the document name will be imagePROGRAF.

Using the printer driver (Windows)

1. Access the **Page Setup** sheet.



2. Click **Output Method** to display the **Output Method** dialog box.



3. Choose an **Output Method**.

- **Print**

  Save print jobs automatically at the same time they are printed. (This is the default format.)
- **Print (auto delete)**

  Save print jobs temporarily at the same time they are printed and delete them after printing.
- **Save in mail box**

  Save print jobs on the printer without printing them.

  If you choose **Save in mail box**, also specify the destination Personal Box in the **Mail box** list.

Note

- Click **Acquire Mail Box Name** to display Personal Box names in the **Mail box** list, as acquired from the printer.
- **Save data before printing**

  This option is available in combination with **Print**, **Print (auto delete)**, and **Save in mail box**. Print jobs are saved on the hard disk and then printed.

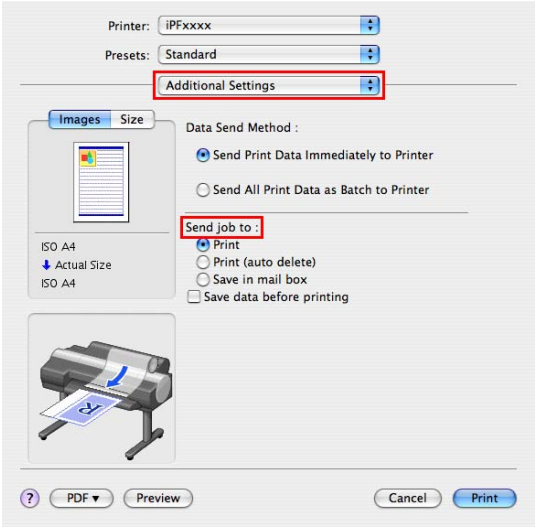
4. In **Name of data to be saved**, specify how to name saved print jobs.

- To use the file name, choose **Use file name**.
- Otherwise choose **Enter name** and enter a name in **Name**.

5. Click **OK** to close the **Output Method** dialog box.

Using the printer driver (Mac OS)

1. Access the **Additional Settings** pane.



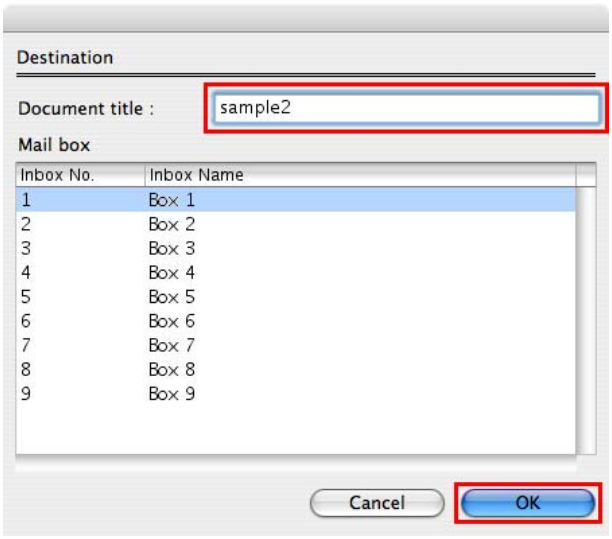
2. Choose an **Send job to**.
   - **Print**

     Save print jobs automatically at the same time they are printed.
   - **Print (auto delete)**

     Save print jobs temporarily at the same time they are printed and delete them after printing.
   - **Save in mail box**

     Save print jobs on the printer without printing them.

     The **Destination** dialog box is displayed if you select **Save in mail box**. Here, specify the name and Personal Box number for saved print jobs.



   1. In **Document title**, enter a name to identify saved print jobs.
   2. Select the Personal Box number in the **Mail box** list.
   3. Click **OK** to close the **Destination** dialog box.

Note

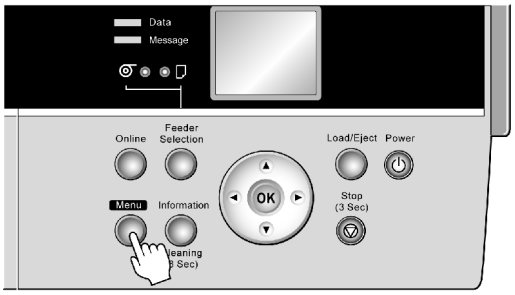
- **Save data before printing**

  This option is available in combination with **Print**, **Print (auto delete)**, and **Save in mail box**. Print jobs are saved on the hard disk and then printed.

Do Not Save Print Jobs in the Common Box

If you have selected **Print** in **Output Method** (in Windows) or **Send job to** (in Mac OS X) in the printer driver as the format for print jobs sent from the computer, the jobs are saved in the common box. (→P.507)
You can select **Save: Shared Box** > **Off** in the printer menu so that print jobs for which you have selected **Output Method** > **Print** in the printer driver are deleted from the common box after printing.
Use this function when printing highly confidential documents.

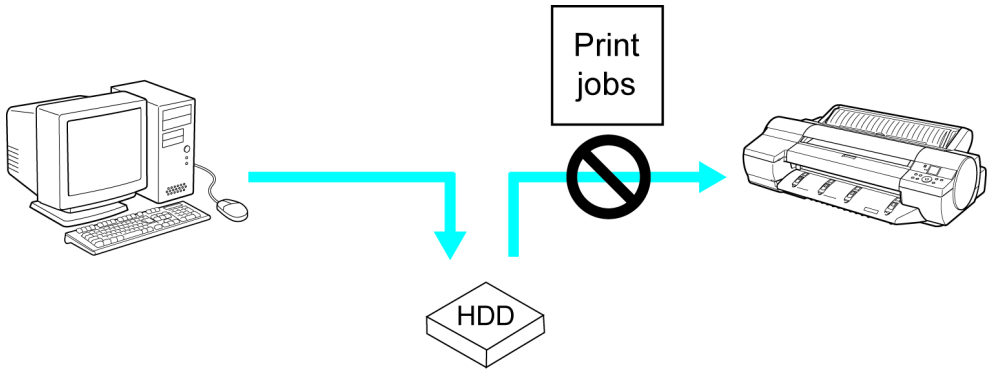
1. Press the **Menu** button to display **MAIN MENU**.



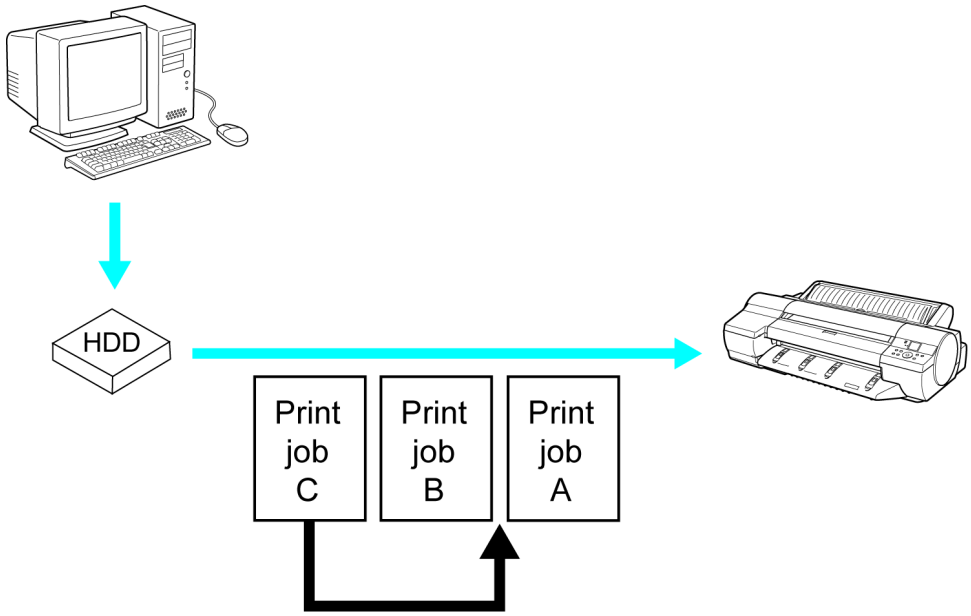
2. Press ▲ or ▼ to select **System Setup**, and then press the ► button.
3. Press ▲ or ▼ to select **Save: Shared Box**, and then press the ► button.
4. Press ▲ or ▼ to select **Off**, and then press the **OK** button.

Managing Queued Jobs (Deleting or Preempting Other Jobs)

You can delete queued jobs.



You can also select queued jobs and give them first priority, to print them immediately after the printer has printed jobs that are currently being processed or printed.



Note

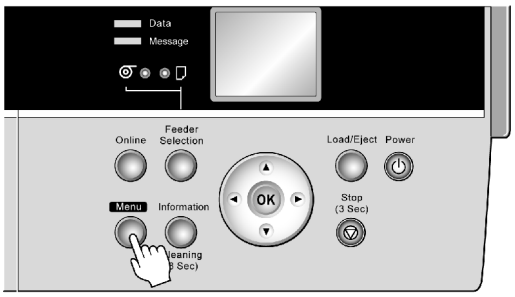
- You cannot interrupt jobs that are currently being saved, processed, printed, or deleted by printing other jobs before these processes are finished.

You can manage queued print jobs as follows.

- Using the Control Panel
- Using RemoteUI
- Using imagePROGRAF Status Monitor (Windows)
- Using imagePROGRAF Printmonitor (Macintosh)

Using the Control Panel

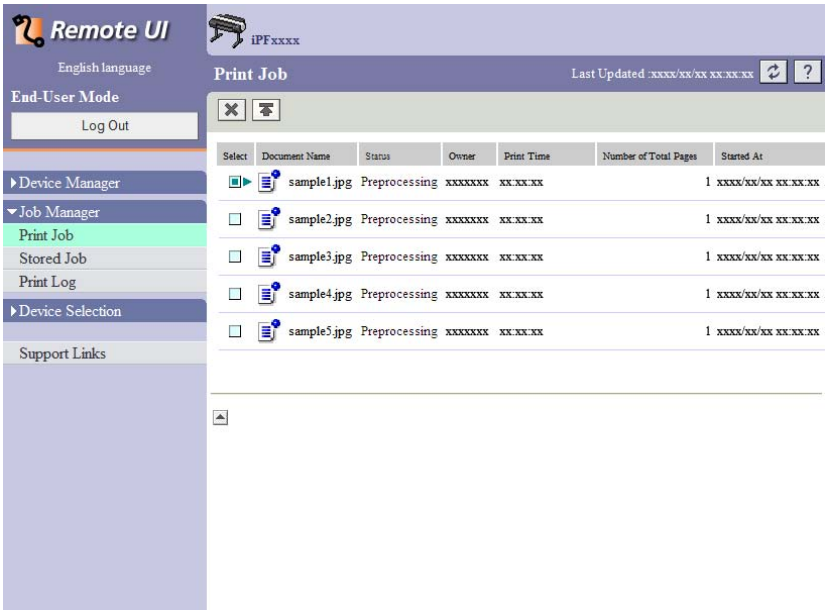
1. Press the **Menu** button to display **Menu Durng Prtng**.



2. You can manage queued jobs as follows.
   - Deleting queued jobs
     1. Press ▲ or ▼ to select **Job Mgmt Menu**, and then press the **OK** button.
     2. Press ▲ or ▼ to select **Job Queue Ope.**, and then press the ► button.
     3. Press ▲ or ▼ to select the print job to delete, and then press the ► button.
     4. Press ▲ or ▼ to select **Delete**, and then press the **OK** button.
   - Changing the order of printing
     1. Press ▲ or ▼ to select **Job Mgmt Menu**, and then press the **OK** button.
     2. Press ▲ or ▼ to select **Job Queue Ope.**, and then press the ► button.
     3. Press ▲ or ▼ to select the job to print first, and then press the ► button.
     4. Press ▲ or ▼ to select **Priority**, and then press the **OK** button.

Using RemoteUI

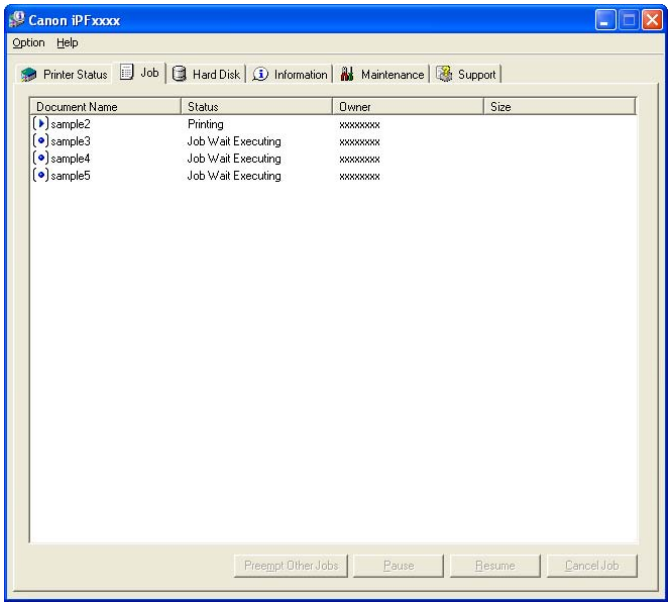
On the **Print Job** page, select the job to manage and how to manage it. For details, refer to the RemoteUI help.



Using imagePROGRAF Status Monitor

On the **Job** sheet, select the job and the desired function. The following functions are available.

- Preempting other jobs
- Pausing printing
- Resuming printing
- Canceling print jobs

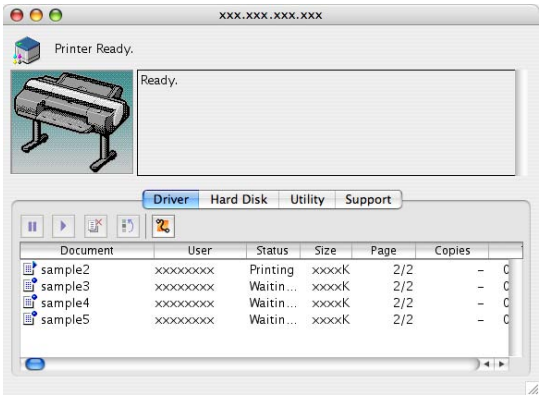


For details, refer to the imagePROGRAF Status Monitor help.

Using imagePROGRAF Printmonitor

On the **Driver** pane, select the job and the desired function. The following functions are available.

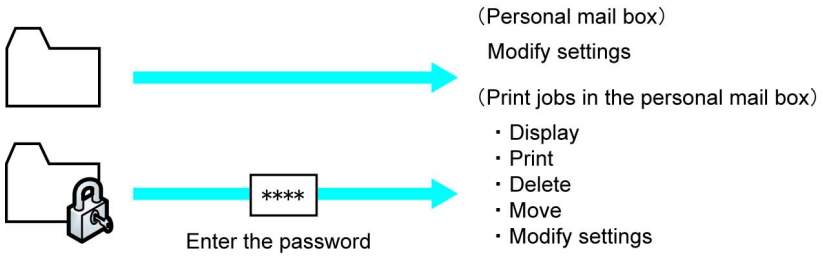
- Preempting other jobs
- Pausing printing
- Resuming printing
- Canceling print jobs



For details, refer to the imagePROGRAF Printmonitor help.

Setting Passwords for Personal Boxes

By default, no passwords are set for personal boxes. For greater security, you can set passwords for each personal box. After you set a password, it will be required to modify the personal box settings, as well as to display, print, delete, move, and modify jobs saved in the personal box.



Note

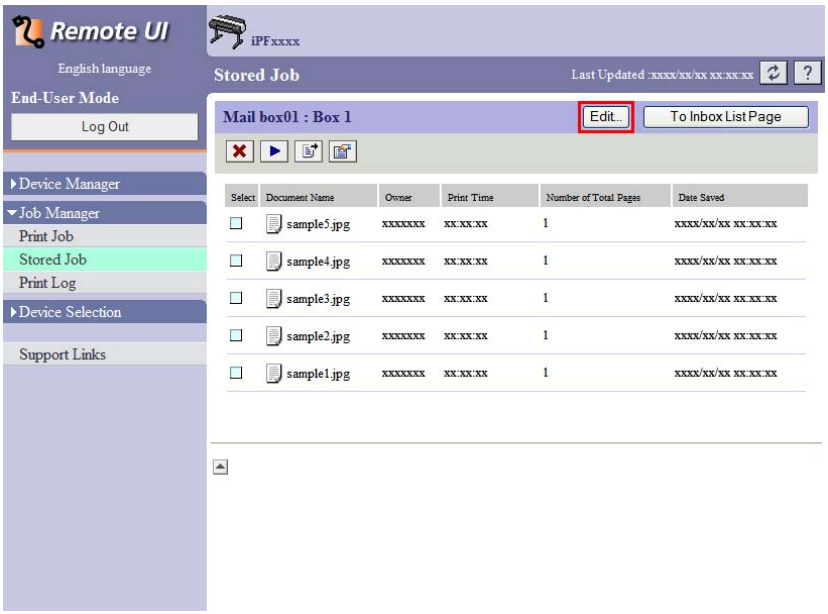
- A password cannot be set for the common box.
- Enter a four-digit number as the password, in the range 0001-9999.
- Even if you have set passwords, they are not required to access personal boxes in Administrator Mode in RemoteUI.

You can set a password for a personal box as follows.

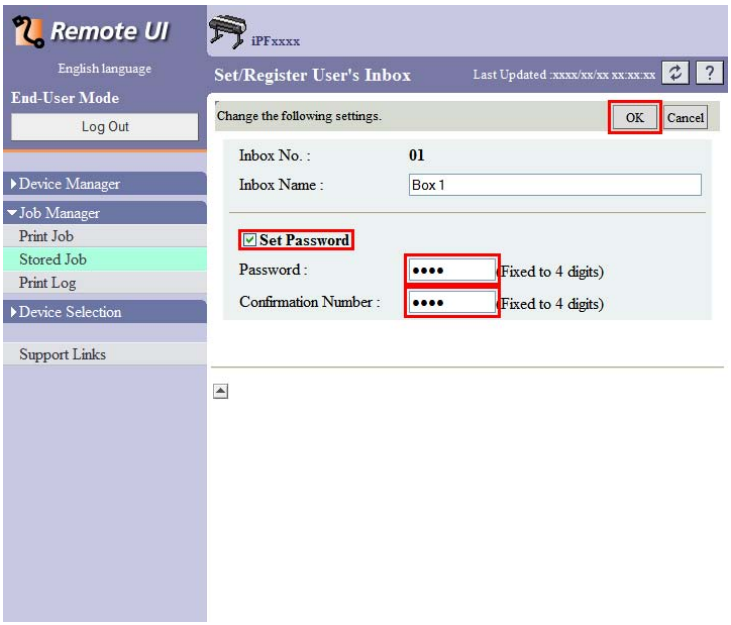
- Using RemoteUI
- Using imagePROGRAF Status Monitor (Windows)
- Using imagePROGRAF Printmonitor (Mac OS)

Using RemoteUI

1. On the **Stored Job** page, select the personal box for a password.
2. Click **Edit**.



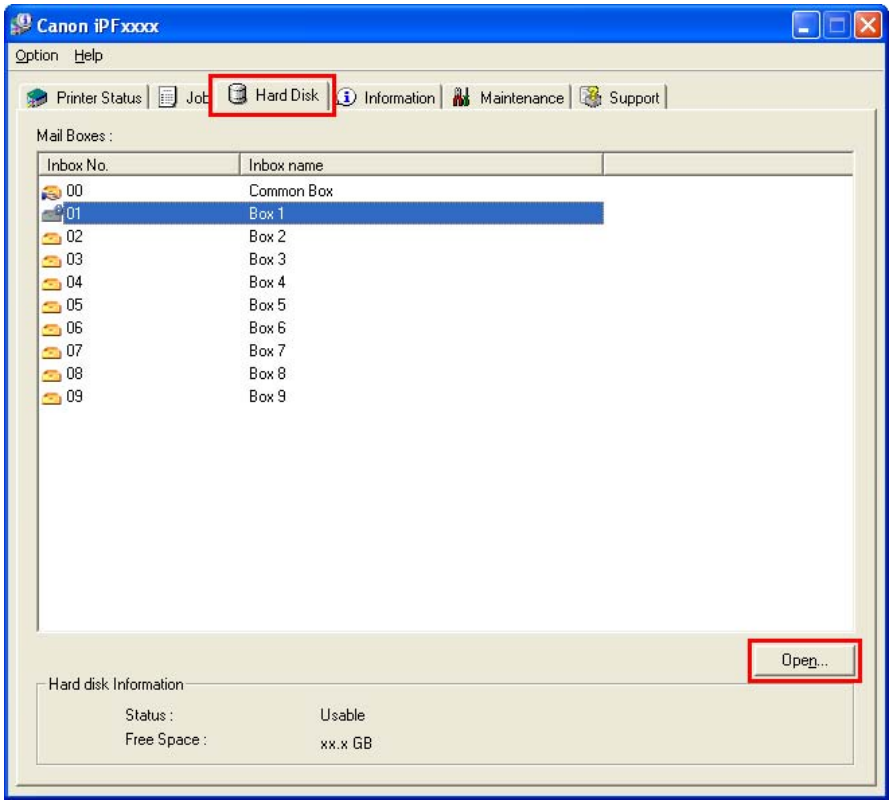
3. In the **Set/Register User's Inbox** dialog box, specify the password and click **OK**.
   - **Set Password** : Select the check box.
   - **Password** : Enter the password. (This field is limited to four digits in the range 0001-9999.)
   - **Confirmation Number** : Re-enter the password to confirm it.



For details, refer to the RemoteUI help.

Using imagePROGRAF Status Monitor (Windows)

1. On the **Hard Disk** sheet, select a listed personal box for a password and click **Open**.

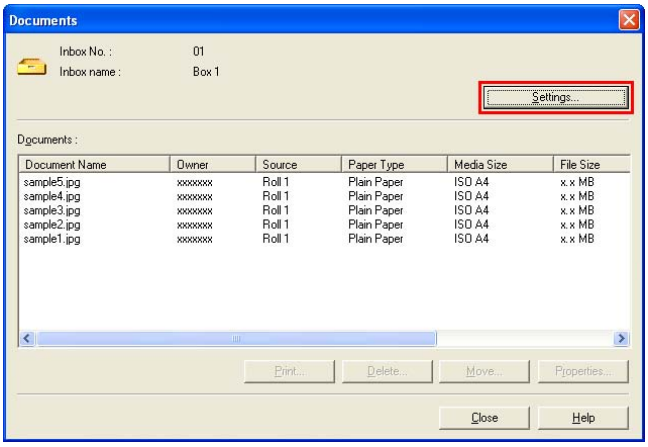


Note

- Enter a password if one has been set for the personal box.

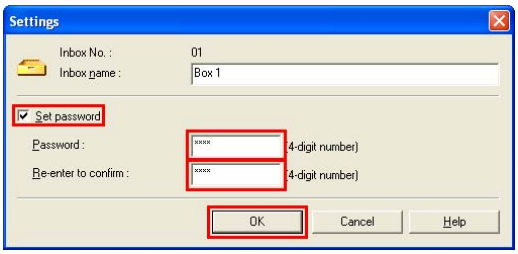


2. In the **Documents** dialog box, click **Settings**.



3. In the **Settings** dialog box, specify the password and click **OK**.

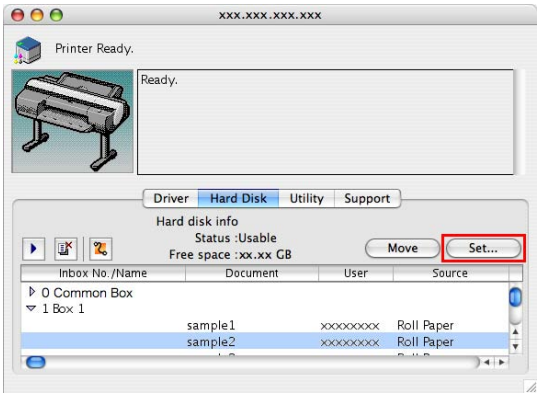
- **Set password** : Select the check box.
- **Password** : Enter the password. (This field is limited to four digits in the range 0001-9999.)
- **Re-enter to confirm** : Re-enter the password to confirm it.



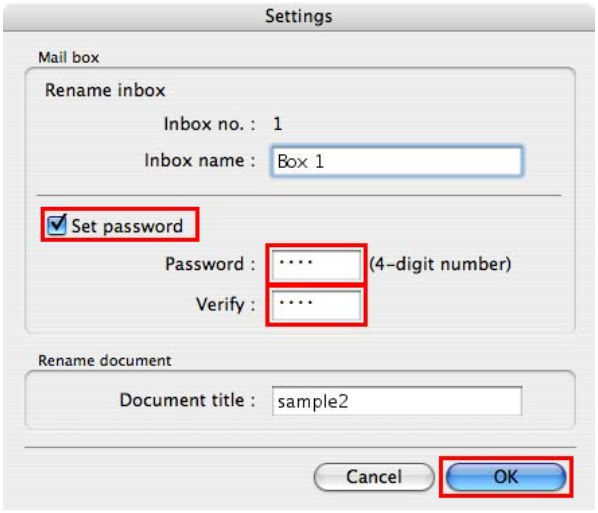
For details, refer to the imagePROGRAF Status Monitor help file.

Using imagePROGRAF Printmonitor (Mac OS)

1. In the **Hard Disk** pane, click "►" next to **Inbox No./Name** to list saved jobs. Select a saved job and click **Set**.



2. In the **Settings** dialog box, specify the password and click **OK**.
   - **Set password** : Select the check box.
   - **Password** : Enter the password. (This field is limited to four digits in the range 0001-9999.)
   - **Verify** : Re-enter the password to confirm it.



For details, refer to the imagePROGRAF Printmonitor help file.

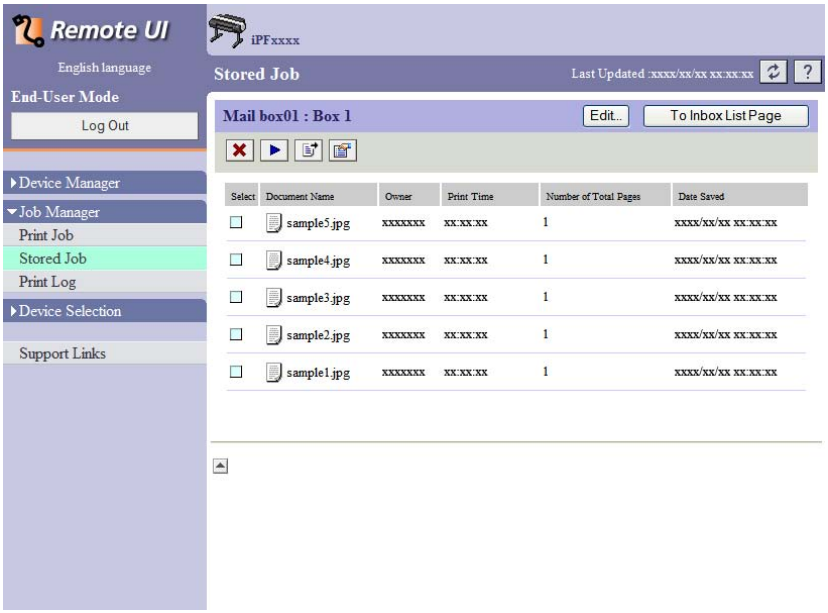
Naming Personal Boxes

By default, personal boxes are unnamed. You can name them for easier management.
You can assign a name to a personal box as follows.

- Using RemoteUI
- Using imagePROGRAF Status Monitor (Windows)
- Using imagePROGRAF Printmonitor (Mac OS)

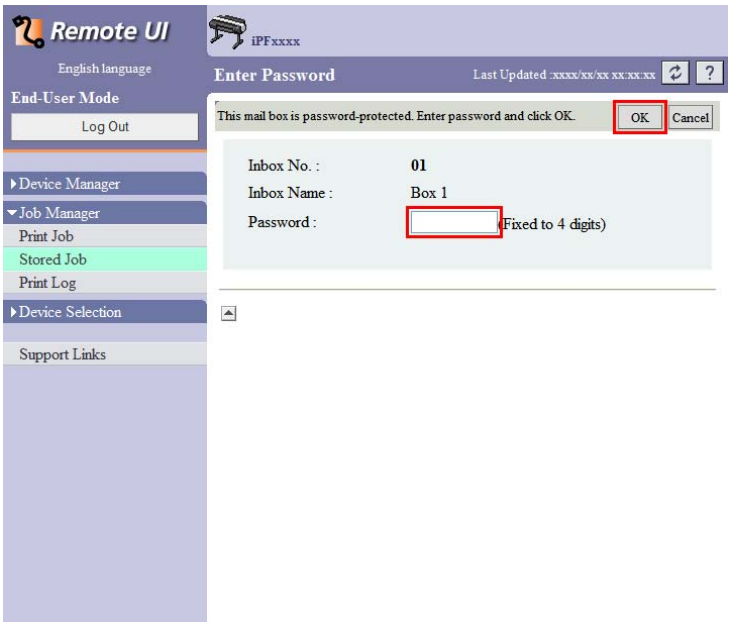
Using RemoteUI

1. On the **Stored Job** page, select the personal box to identify.

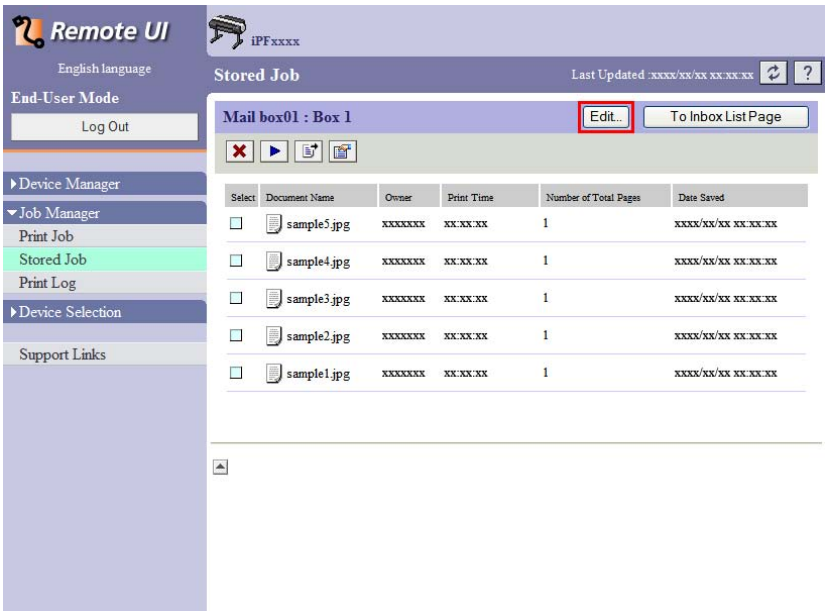


Note

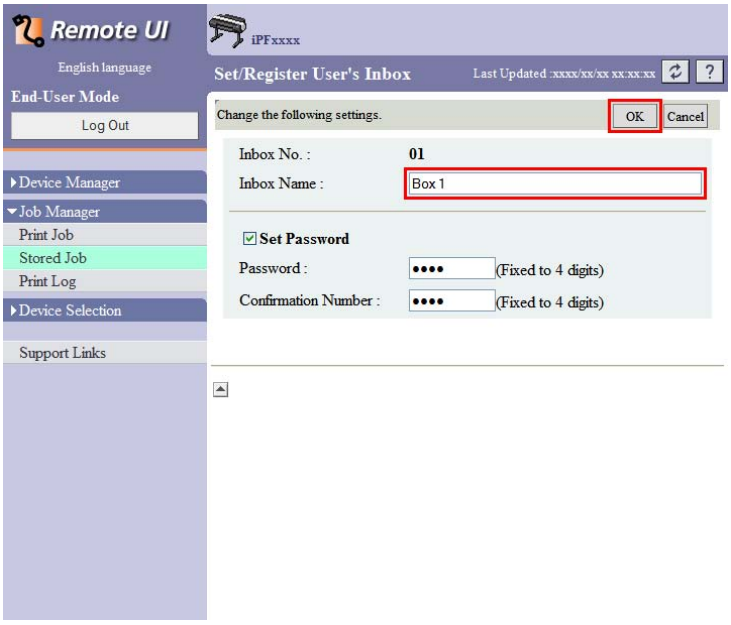
- Enter a password if one has been set for the personal box.



2. Click **Edit**.



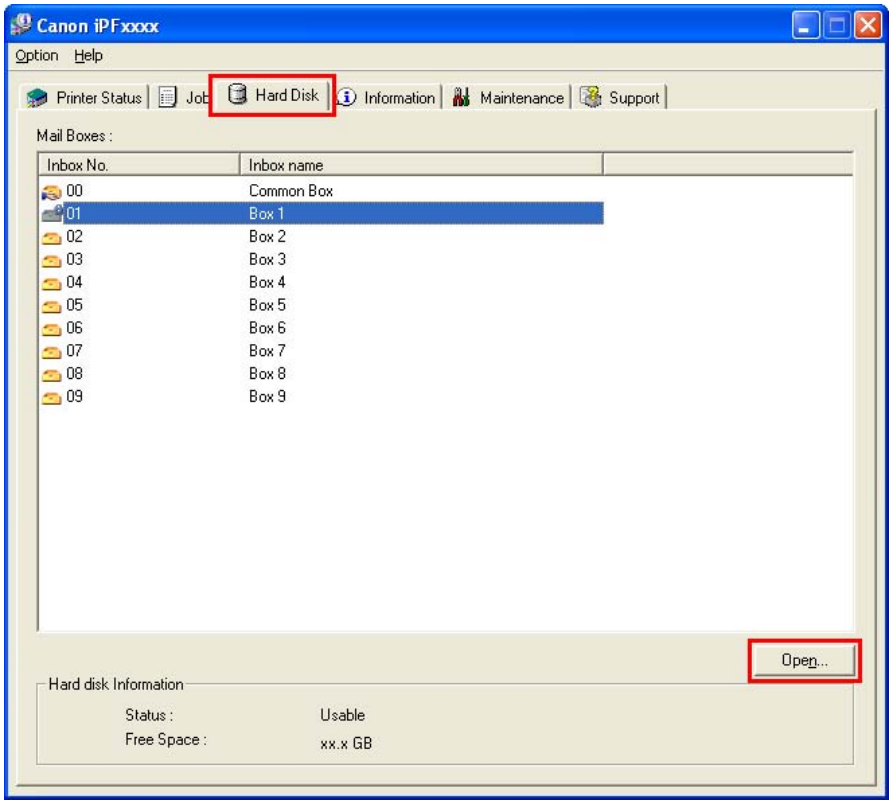
3. In the **Set/Register User's Inbox** dialog box, enter the personal box name in **Inbox Name** and click **OK**.



For details, refer to the RemoteUI help.

Using imagePROGRAF Status Monitor (Windows)

1. On the **Hard Disk** sheet, select a listed personal box to identify and click **Open**.

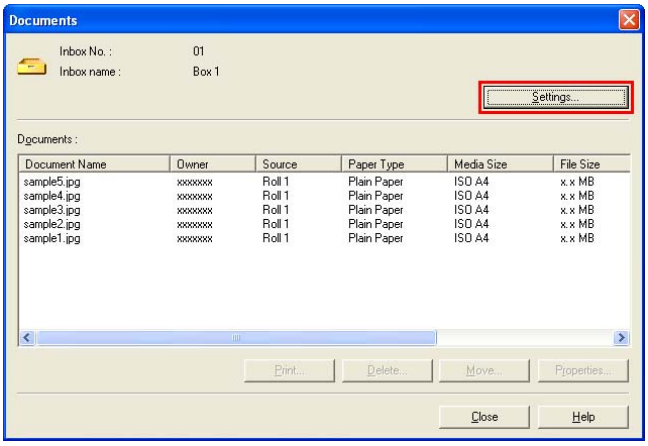


Note

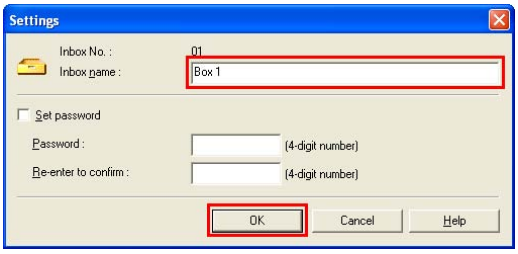
- Enter a password if one has been set for the personal box.



2. In the **Documents** dialog box, click **Settings**.



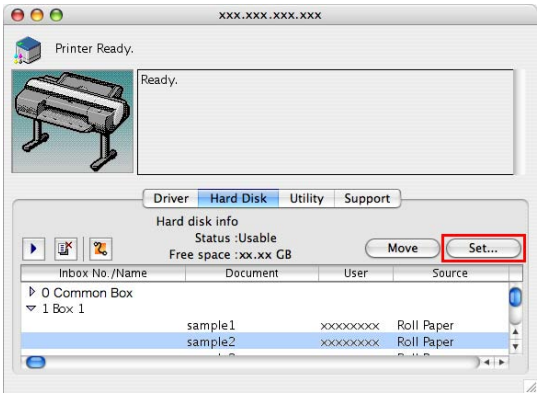
3. In the **Settings** dialog box, enter the personal box name and click **OK**.



For details, refer to the imagePROGRAF Status Monitor help file.

Using imagePROGRAF Printmonitor (Mac OS)

1. On the **Hard Disk** pane, click "►" next to **Inbox No./Name** to list saved jobs. Select a saved job and click **Set**.

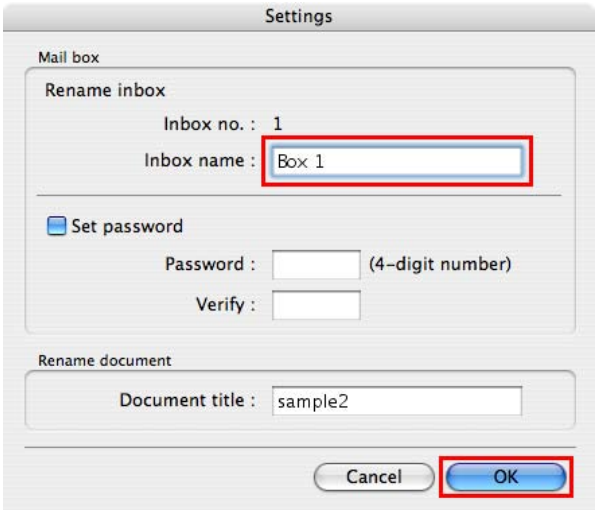


Note

- Enter a password if one has been set.
  The password is a four-digit number.



2. In the **Settings** dialog box, enter the personal box name and click **OK**.



For details, refer to the imagePROGRAF Printmonitor help file.

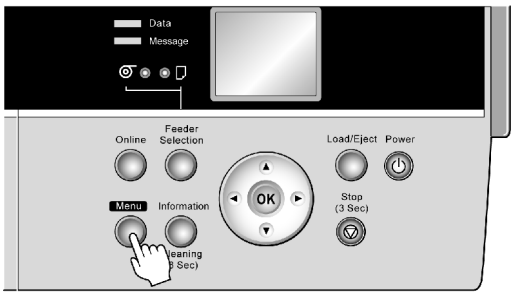
Displaying a List of Saved Jobs

You can display saved print jobs in the box shared among all users and in each personal box.
View the list of stored print jobs as follows.

- Using the Control Panel
- Using RemoteUI
- Using imagePROGRAF Status Monitor (Windows)
- Using imagePROGRAF Printmonitor (Macintosh)

Using the Control Panel

1. Press the **Menu** button to display **MAIN MENU**.



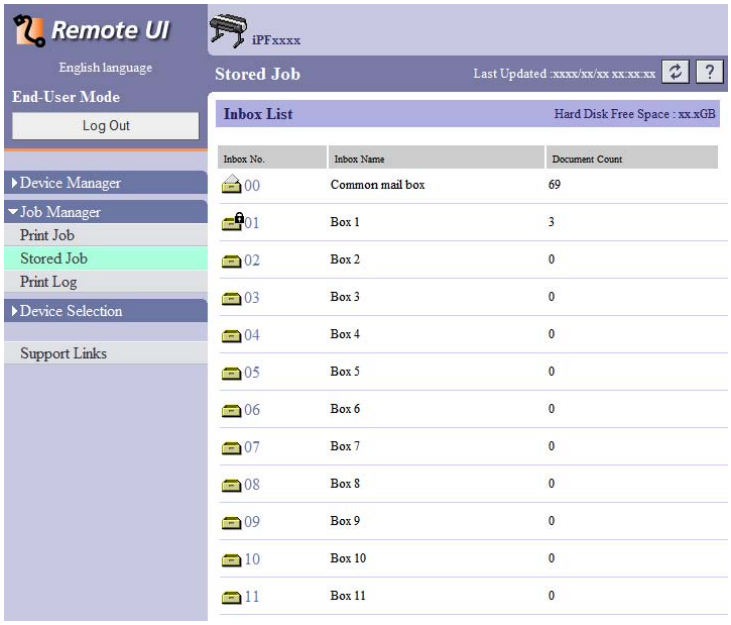
2. Display a list of saved print jobs.
   - To display jobs saved in the Common Box
     1. Press ▲ or ▼ to select **Job Management**, and then press the ► button.
     2. Press ▲ or ▼ to select **Com. BOX Ope.**, and then press the ► button.
     3. Press ▲ or ▼ button to select **Job List**.
   - To display jobs saved in Personal Boxes
     1. Press ▲ or ▼ to select **Job Management**, and then press the ► button.
     2. Press ▲ or ▼ to select **Psnl. BOX Ope.**, and then press the ► button.
     3. Press ▲ or ▼ to select the folder, and then press the ► button.
     4. Enter a password if one has been set, and then press the **OK** button.
     5. Press ▲ or ▼ button to select **Job List**.

Note

- You can check a list of print jobs in the queue by choosing **Job Management** → **Job Queue Ope.**.

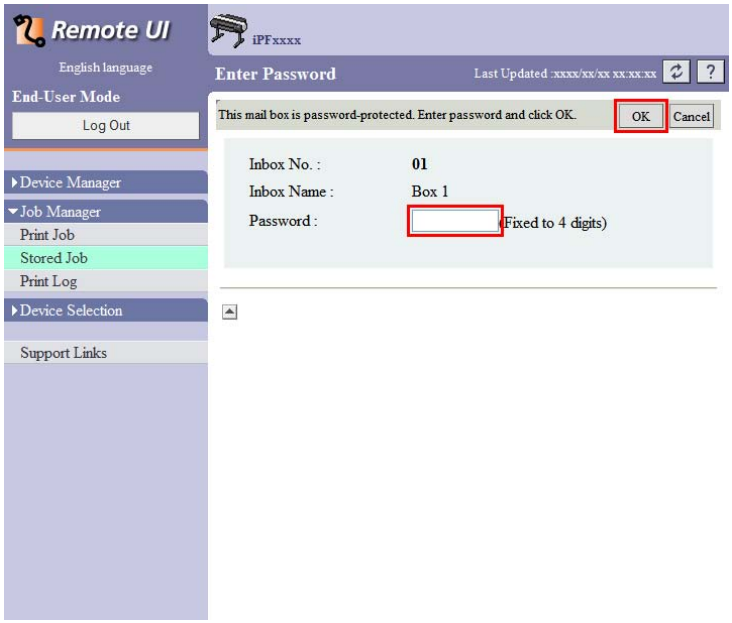
Using RemoteUI

Choose a mail box on the **Stored Job** page to display a list of jobs saved in that mail box.

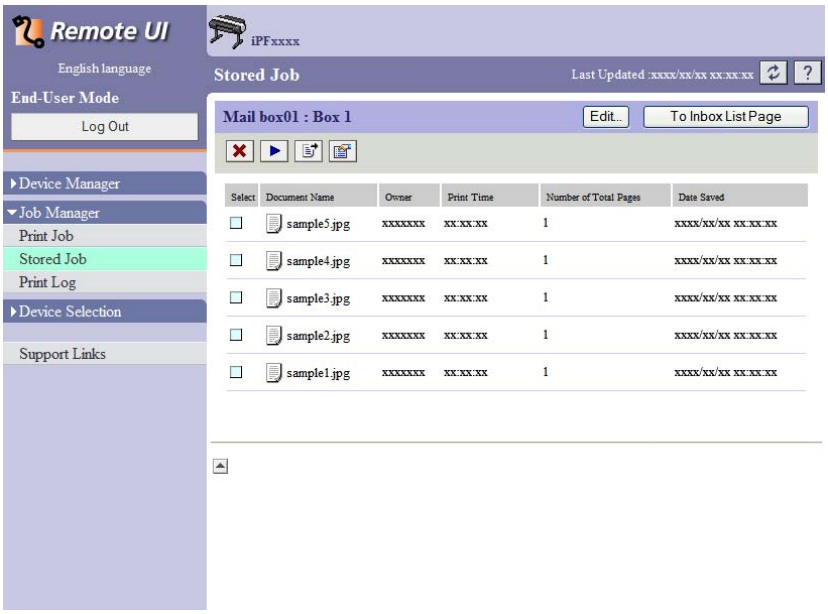


Note

- Enter a password if one has been set.



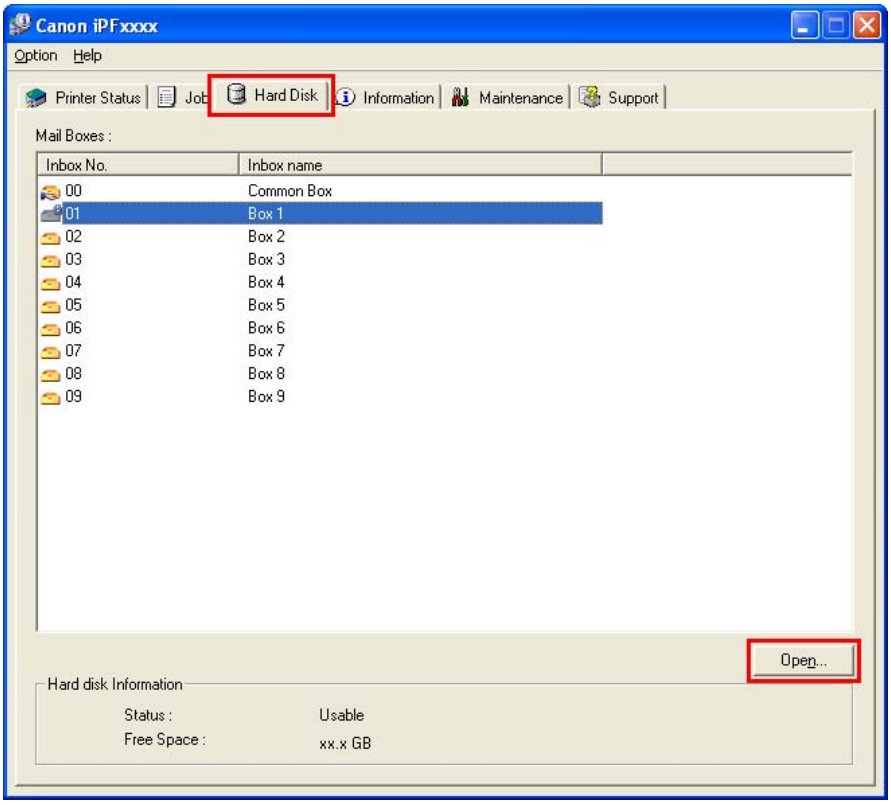
Jobs saved in the mail box are listed.



For details, refer to the RemoteUI help.

Using imagePROGRAF Status Monitor (Windows)

On the **Hard Disk** sheet, select a mail box in the list and click **Open**.

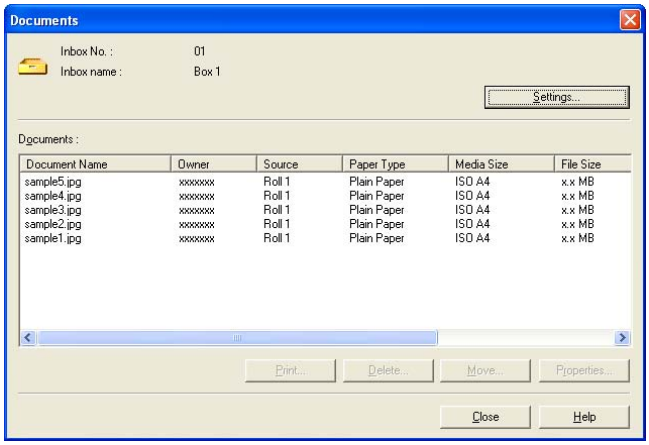


Note

- Enter a password if one has been set.



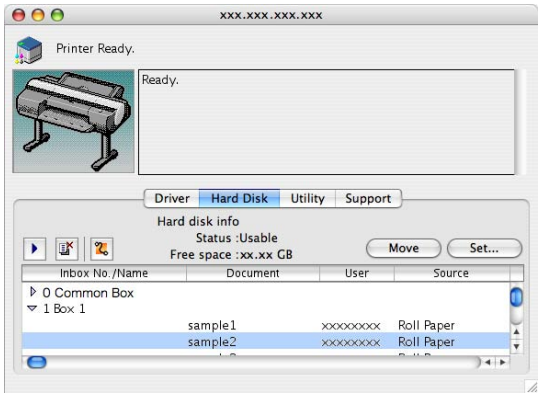
Jobs saved in that mail box are displayed in the **Documents** dialog box.



For details, refer to the imagePROGRAF Status Monitor help file.

Using imagePROGRAF Printmonitor (Macintosh)

On the **Hard Disk** pane, click "►" next to **Inbox No./Name** to list saved jobs.



Note

- Enter a password if one has been set.
  The password is a four-digit number.

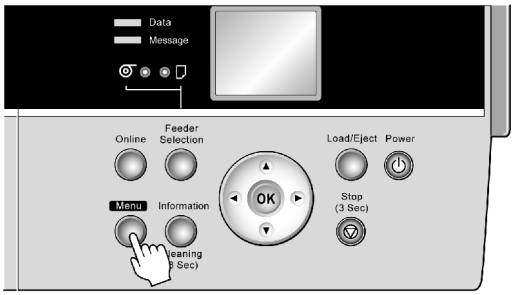


For details, refer to the imagePROGRAF Printmonitor help file.

Printing a List of Saved Jobs

You can print a list of saved print jobs in the common box and each personal box.
You can also print a list of print jobs by using the Control Panel.

1. Press the **Menu** button to display **MAIN MENU**.

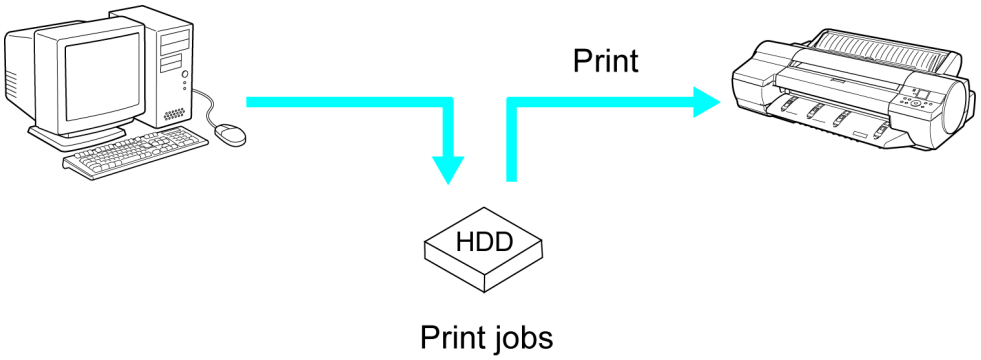


2. Print a list of saved print jobs.
   - To print a list of jobs saved in the Common Box
     1. Press ▲ or ▼ to select **Job Management**, and then press the ► button.
     2. Press ▲ or ▼ to select **Com. BOX Ope.**, and then press the ► button.
     3. Press ▲ or ▼ to select **Print Job List**, and then press the ► button.
     4. Press ▲ or ▼ to select **Yes**, and then press the **OK** button.
   - To print a list of jobs saved in Personal Boxes
     1. Press ▲ or ▼ to select **Job Management**, and then press the ► button.
     2. Press ▲ or ▼ to select **Psnl. BOX Ope.**, and then press the ► button.
     3. Press ▲ or ▼ to select the folder, and then press the ► button.
     4. Enter a password if one has been set, and then press the **OK** button.
     5. Press ▲ or ▼ to select **Print Job List**, and then press the ► button.
     6. Press ▲ or ▼ to select **Yes**, and then press the **OK** button.

Printing Saved Jobs

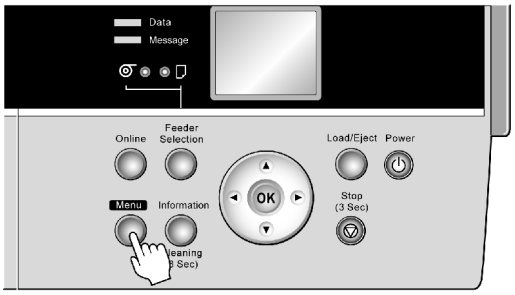
You can print jobs stored on the printer's hard disk as follows.

- Using the Control Panel
- Using RemoteUI
- Using imagePROGRAF Status Monitor (Windows)
- Using imagePROGRAF Printmonitor (Mac OS)



Using the Control Panel

1. Press the **Menu** button to display **MAIN MENU**.



2. Print the saved job.
   - Printing jobs in the common box
     1. Press ▲ or ▼ to select **Job Management**, and then press the ► button.
     2. Press ▲ or ▼ to select **Com. BOX Ope.**, and then press the ► button.
     3. Press ▲ or ▼ to select **Job List**, and then press the ► button.
     4. Press ▲ or ▼ to select the saved job to print, and then press the ► button.
     5. Press ▲ or ▼ to select **Print**, and then press the ► button.
     6. Confirm the paper to use for printing and press the **OK** button.
     7. Specify the number of copies and press the **OK** button.

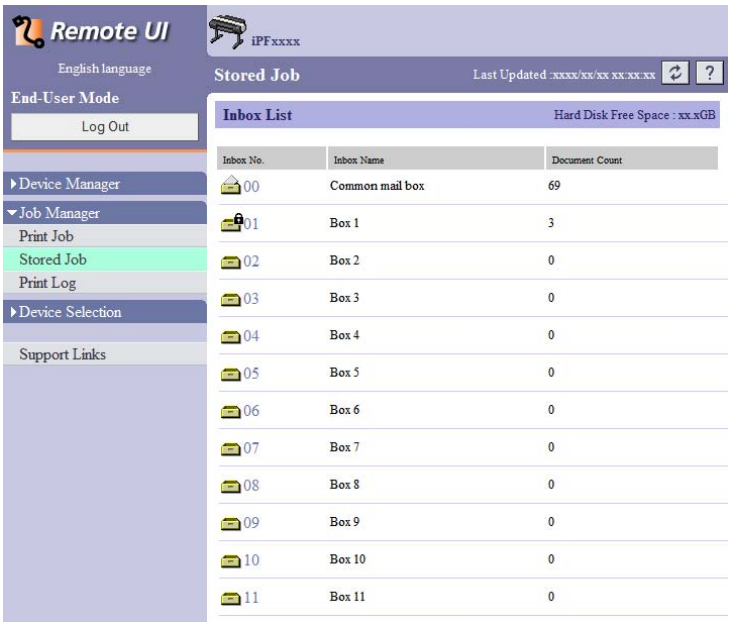
- Printing jobs in personal boxes
  1. Press ▲ or ▼ to select **Job Management**, and then press the ► button.
  2. Press ▲ or ▼ to select **Psnl. BOX Ope.**, and then press the ► button.
  3. Press ▲ or ▼ to select the folder, and then press the ► button.
  4. Enter a password if one has been set, and then press the **OK** button.
  5. Press ▲ or ▼ to select **Job List**, and then press the ► button.
  6. Press ▲ or ▼ to select the saved job to print, and then press the ► button.
  7. Press ▲ or ▼ to select **Print**, and then press the ► button.
  8. Confirm the paper to use for printing and press the **OK** button.
  9. Specify the number of copies and press the **OK** button.


Note

- **Print Time** initially indicates how long it took to finish printing one copy during the previous print job. If you change the value in **Number of Copies**, **Print Time** indicates the time it took to print one copy during the previous print job multiplied by the number of copies.

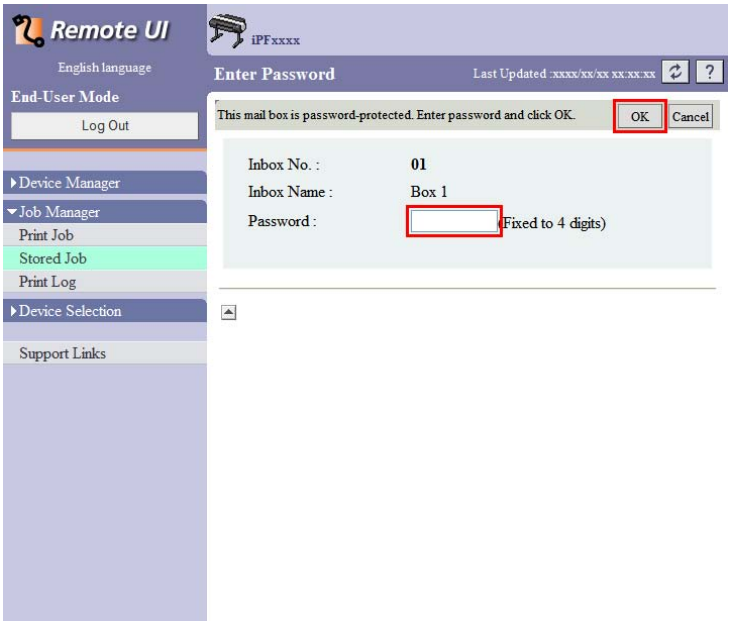
Using RemoteUI

1. On the **Stored Job** page, choose the mail box.

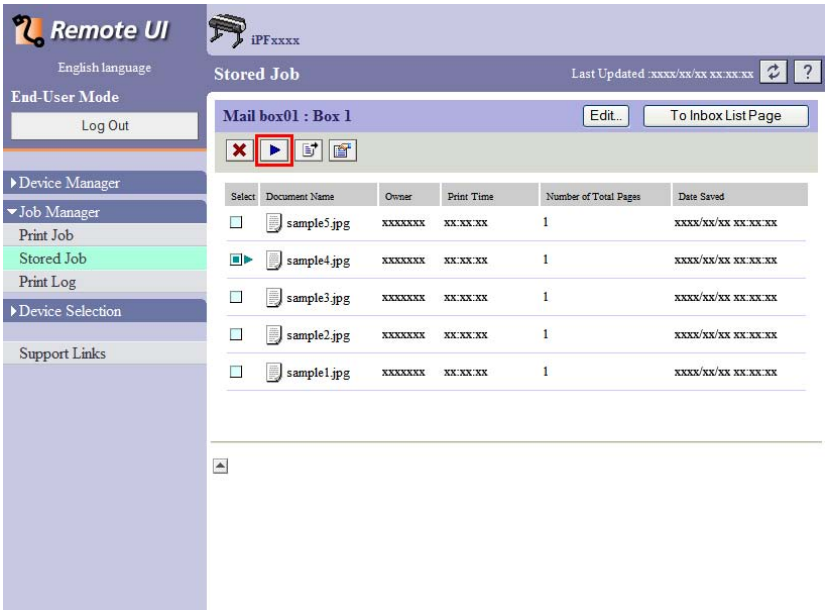


Note

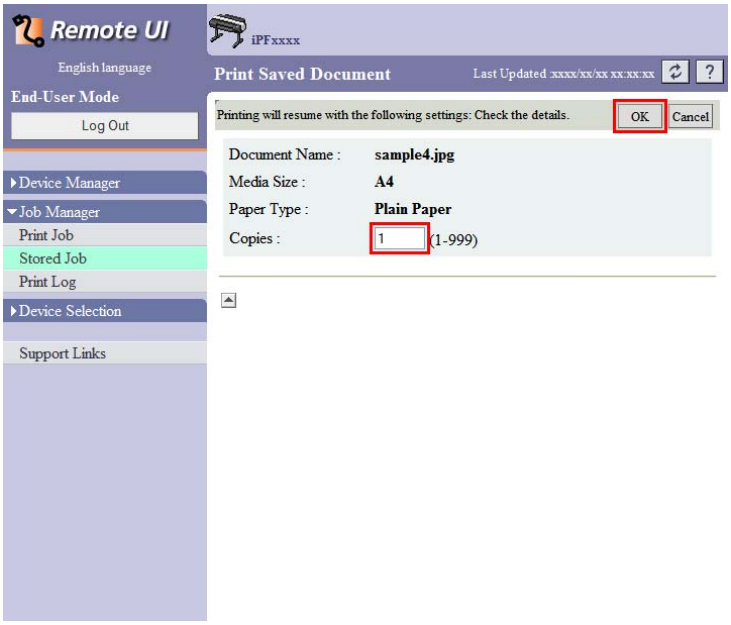
- Enter a password if one has been set.



2. Select the print job in the list and click **Print**.



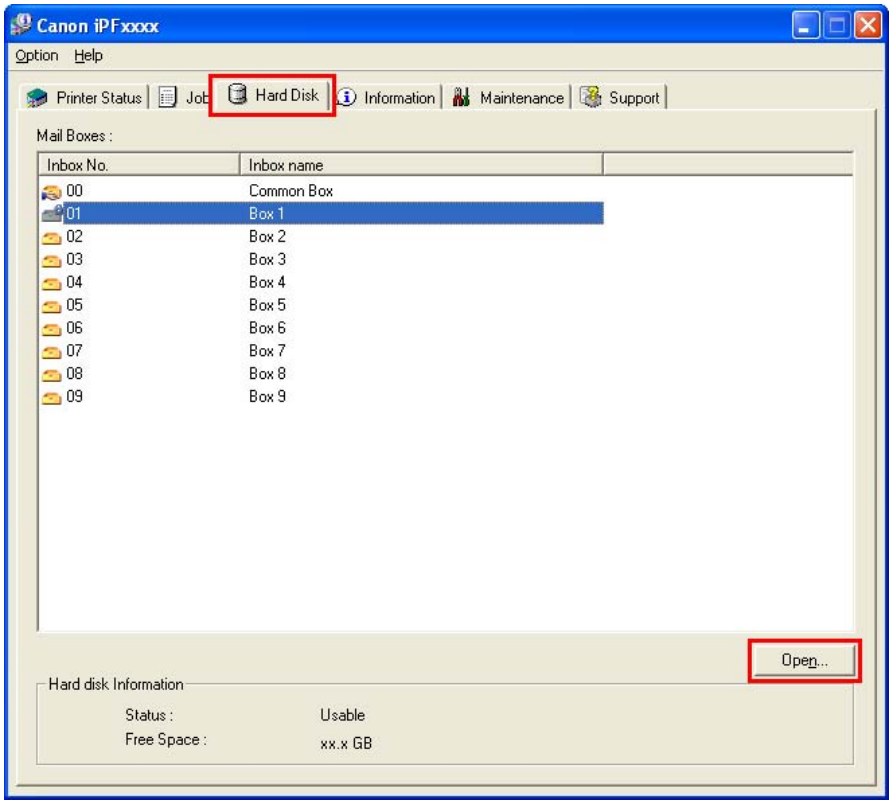
3. On the **Print Saved Document** page, enter the quantity to print in **Copies** and click **OK**.



For details, refer to the RemoteUI help file.

Using imagePROGRAF Status Monitor (Windows)

1. On the **Hard Disk** sheet, select a mail box in the list and click **Open**.

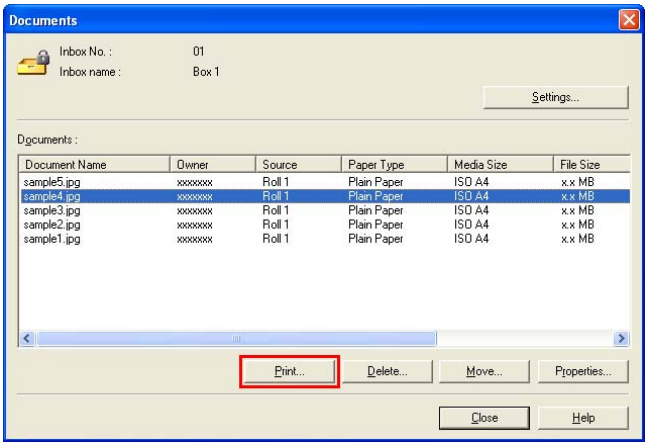


Note

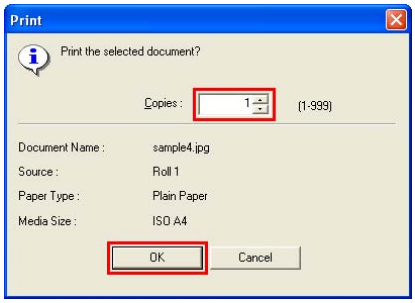
- Enter a password if one has been set.



2. In the **Documents** dialog box, select the print job in the list and click **Print**.



3. In the **Print** dialog box, enter the quantity to print in **Copies** and click **OK**.



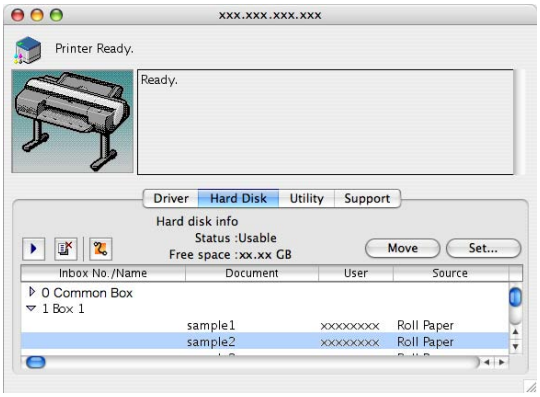
Note

- **Print Time** initially indicates how long it took to finish printing one copy during the previous print job. If you change the value in **Copies**, **Print Time** indicates the time it took to print one copy during the previous print job multiplied by the number of copies.

For details, refer to the imagePROGRAF Status Monitor help file.

Using imagePROGRAF Printmonitor (Mac OS)

1. In the **Hard Disk** pane, click "►" next to **Inbox No./Name** to list saved jobs.

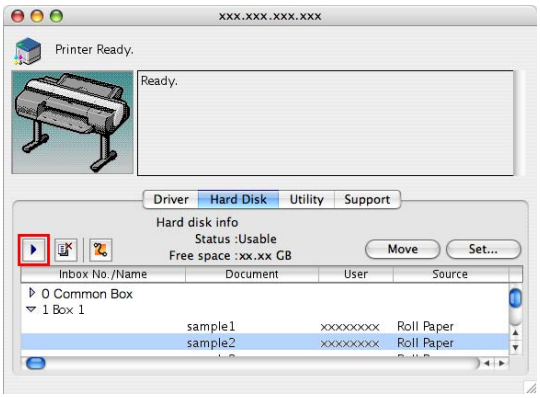


Note

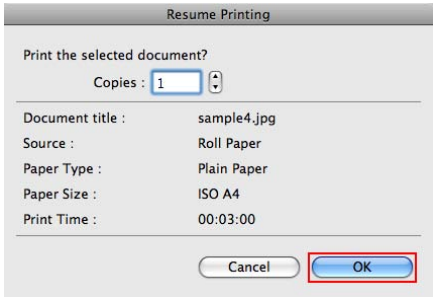
- Enter a password if one has been set.
  The password is a four-digit number.



2. Select the saved job in the list and click **Resume Printing** to display the **Resume Printing** dialog box.



3. Specify the number of copies and click the **OK** button.



Note

- **Print Time** is only displayed in Mac OS X 10.5.
  Print Time initially indicates how long it took to finish printing one copy during the previous print job. If you change the value in **Copies**, **Print Time** indicates the time it took to print one copy during the previous print job multiplied by the number of copies.

For details, refer to the imagePROGRAF Printmonitor help file.

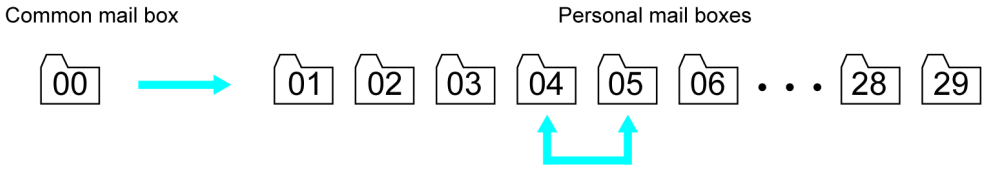
Moving Saved Jobs

Print jobs for which **Print** is selected as the format in **Output Method** (in Windows) or **Send job to** (in Mac OS X) are saved in the common box, number “00”. However, jobs in this mail box will be deleted one after another starting with the oldest job in the following situations.

- If there are more than 100 saved jobs in the common box and job queue combined
- If the temporary storage area becomes full during reception of print jobs for which you have selected **Print** or **Print (auto delete)** in **Output Method** (in Windows) or **Send job to** (in Mac OS X)
- If the temporary and permanent storage areas no longer have enough space during reception of print jobs for which you have selected **Save in mail box** in **Output Method** (in Windows) or **Send job to** (in Mac OS X)

You can move jobs to personal boxes “01” to “29” to prevent them from being deleted. (Up to 100 jobs can be stored here.)

You can also move saved jobs from one personal box to another.



Move stored print jobs as follows.

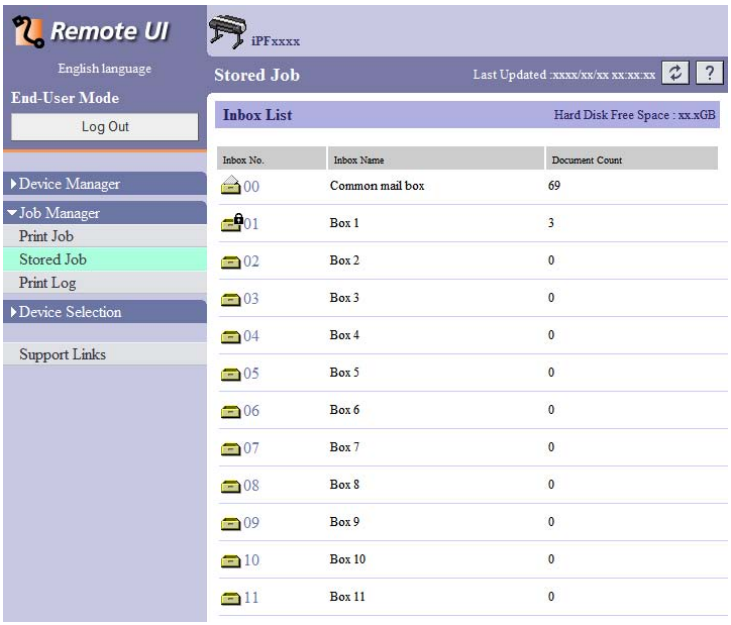
- Using RemoteUI
- Using imagePROGRAF Status Monitor (Windows)
- Using imagePROGRAF Printmonitor (Mac OS)

Note

- Jobs saved in personal boxes cannot be moved to the common box.

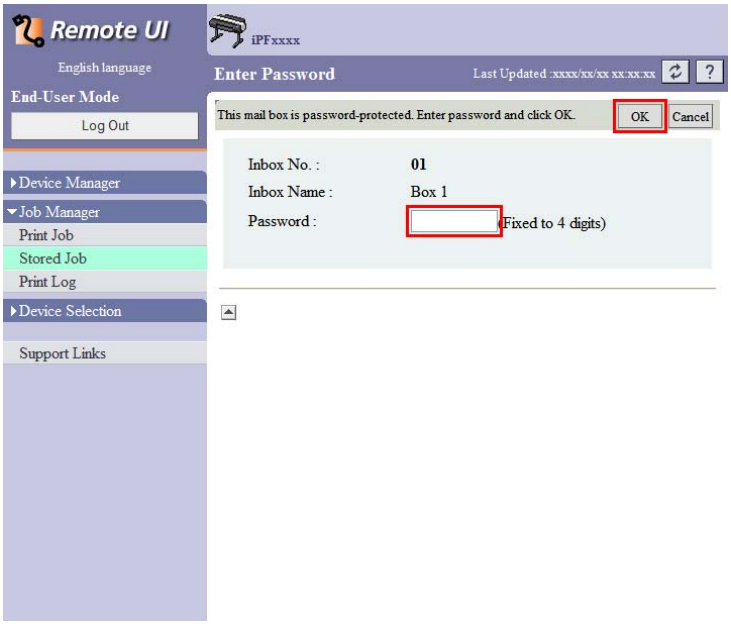
Using RemoteUI

1. On the **Stored Job** page, choose the mail box.

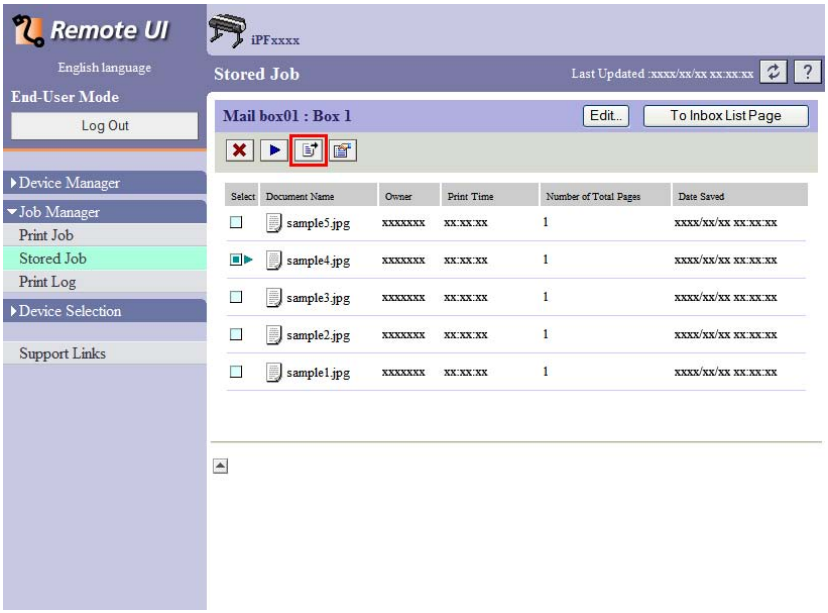


Note

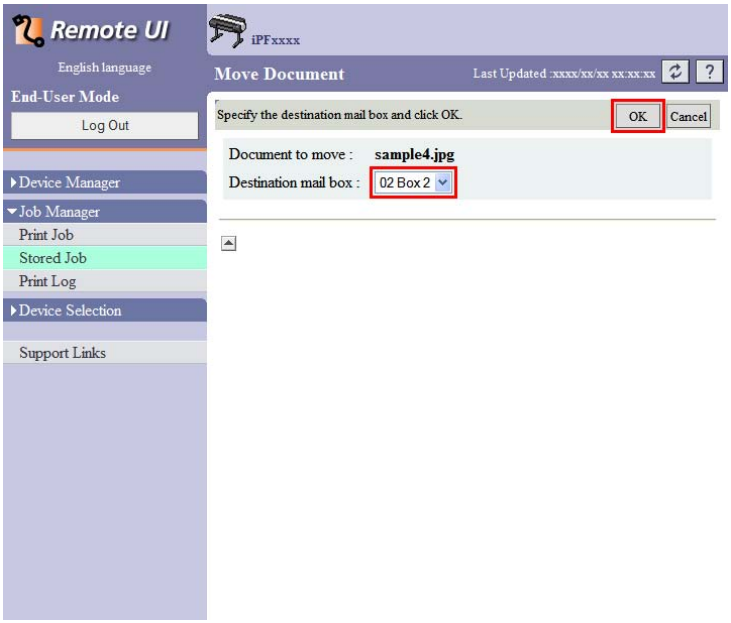
- Enter a password if one has been set.



2. Select the print job in the list and click **Move**.



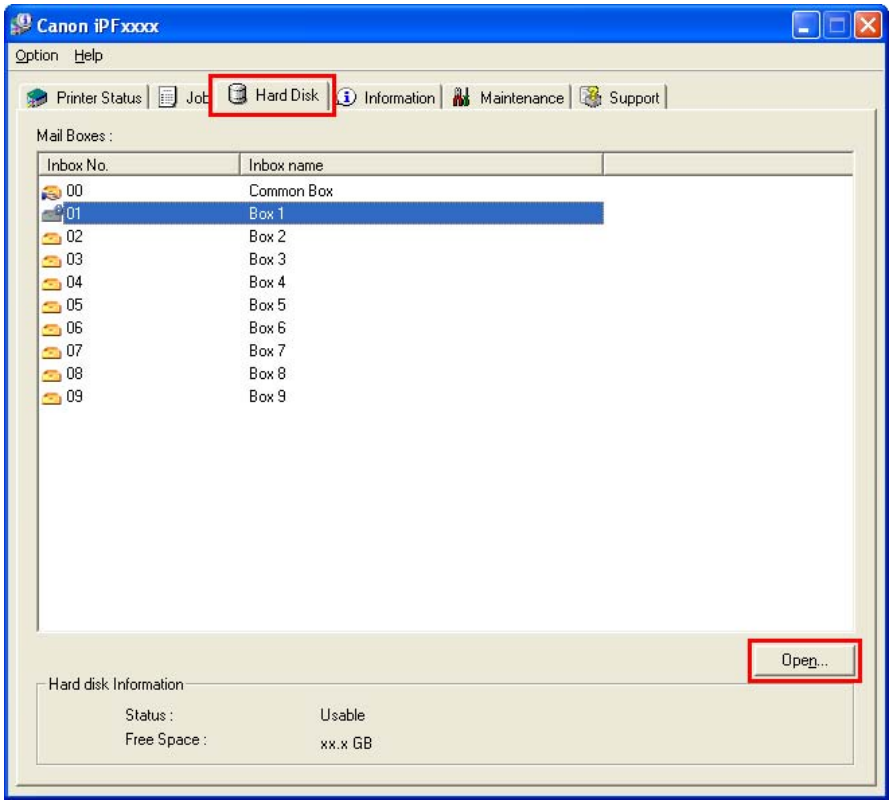
3. On the **Move Document** page, select the name or number of the destination personal box in the **Destination mail box** list and click **OK**.



For details, refer to the RemoteUI help file.

Using imagePROGRAF Status Monitor (Windows)

1. On the **Hard Disk** sheet, select a mail box in the list and click **Open**.

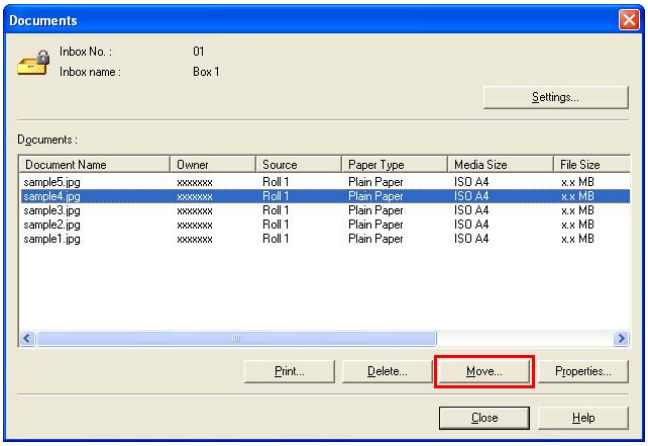


Note

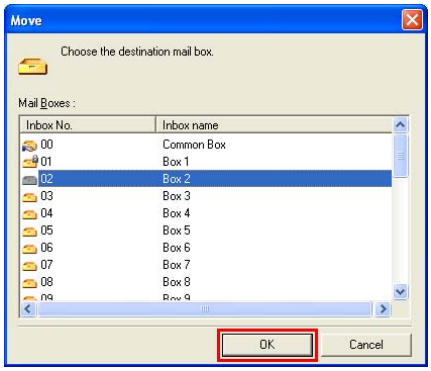
- Enter a password if one has been set.



2. In the **Documents** dialog box, select the print job in the list and click **Move**.



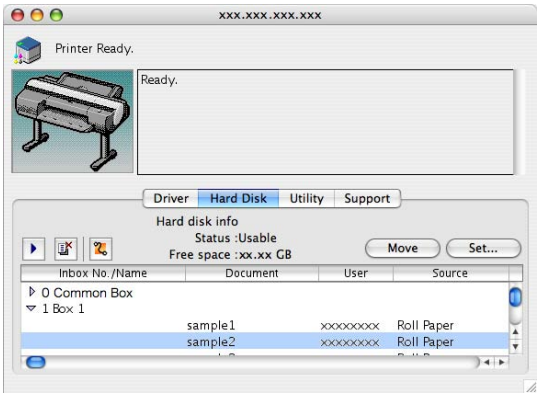
3. In the **Move** dialog box, select the destination personal box and click **OK**.



For details, refer to the imagePROGRAF Status Monitor help file.

Using imagePROGRAF Printmonitor (Mac OS)

1. In the **Hard Disk** pane, click "►" next to **Inbox No./Name** to list saved jobs.

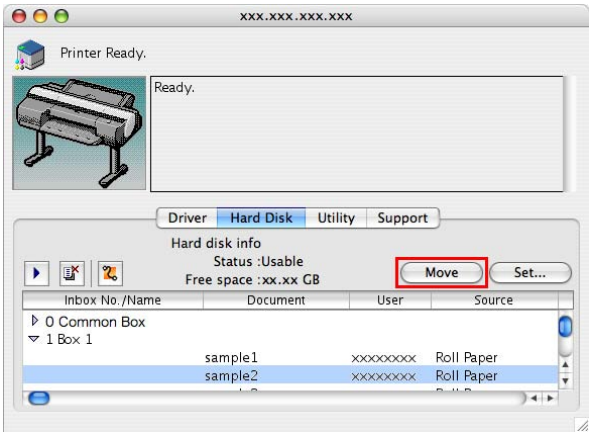


Note

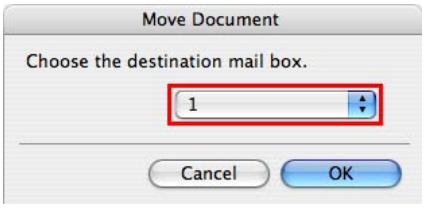
- Enter a password if one has been set.
  The password is a four-digit number.



2. Select the print job in the list and click **Move**.



3. In the **Move Document** dialog box, select the destination personal box and click **OK**.



For details, refer to the imagePROGRAF Printmonitor help file.

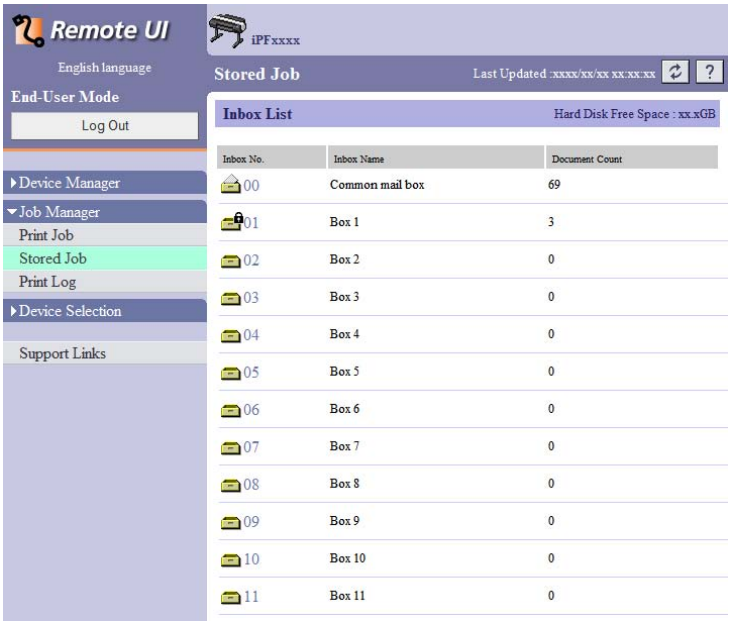
Displaying Details of Saved Jobs

You can view details of stored print jobs as follows.

- Using RemoteUI
- Using imagePROGRAF Status Monitor (Windows)
- Using imagePROGRAF Printmonitor (Mac OS)

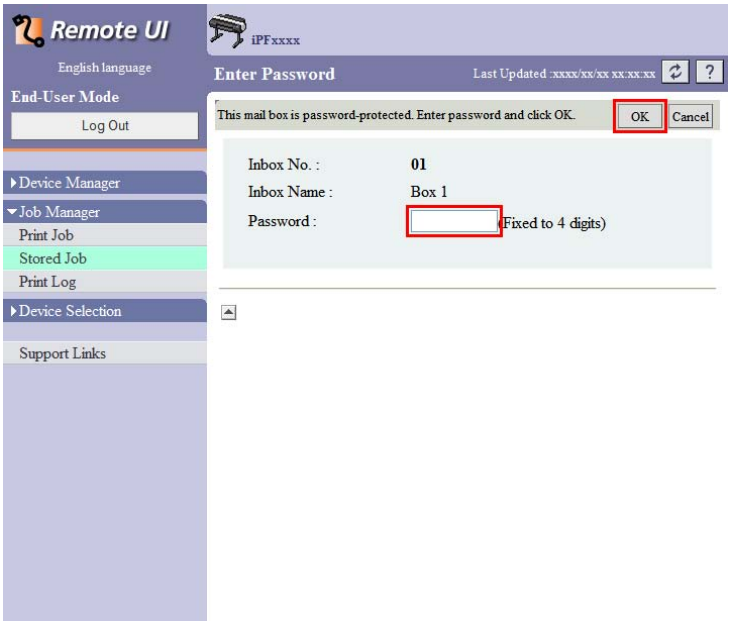
Using RemoteUI

1. On the **Stored Job** page, choose the mail box.

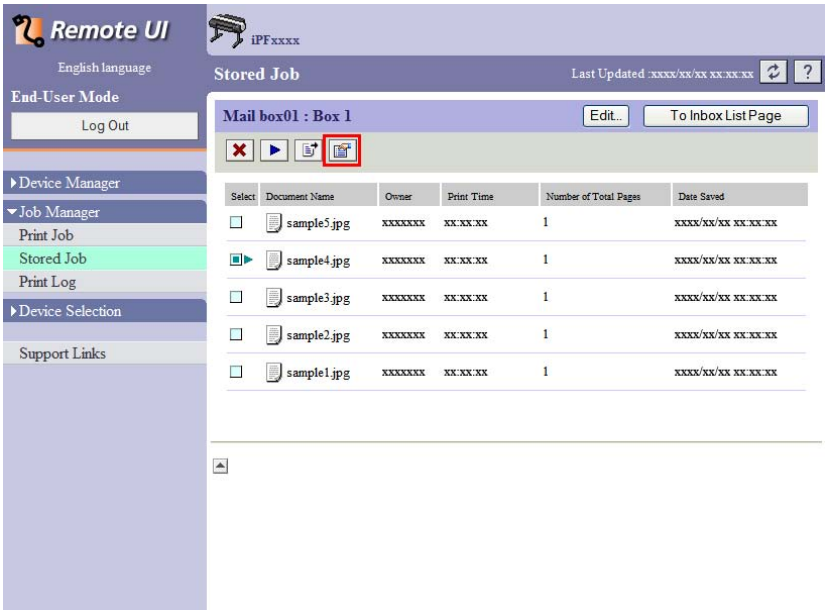


Note

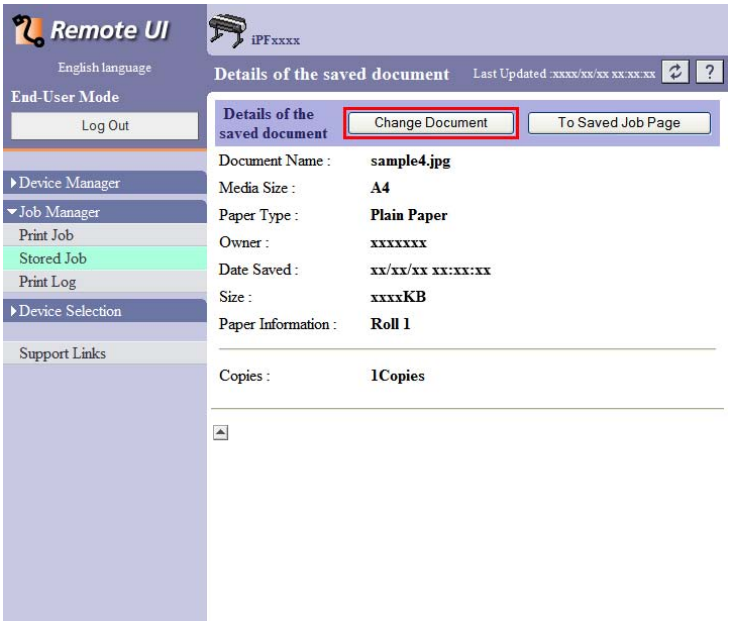
- Enter a password if one has been set.



2. Select the saved job in the list and click **Details**.



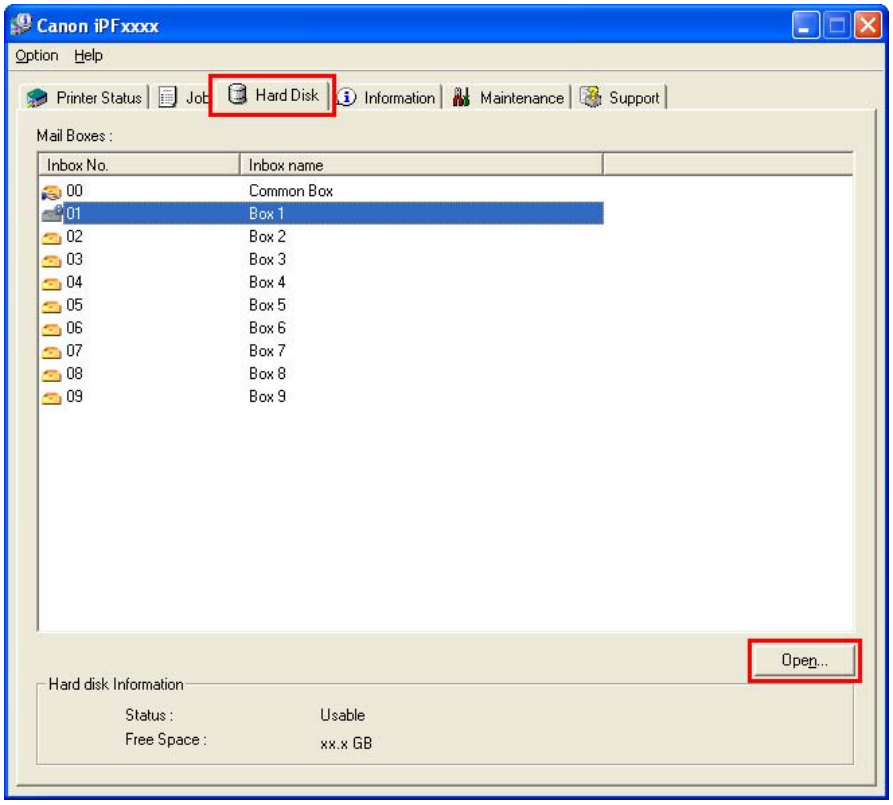
The **Details of the saved document** page is displayed.



For details, refer to the RemoteUI help.

Using imagePROGRAF Status Monitor (Windows)

1. On the **Hard Disk** sheet, select a mail box in the list and click **Open**.

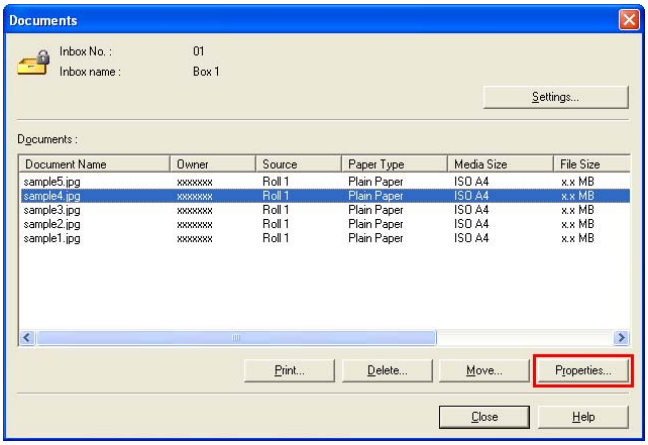


Note

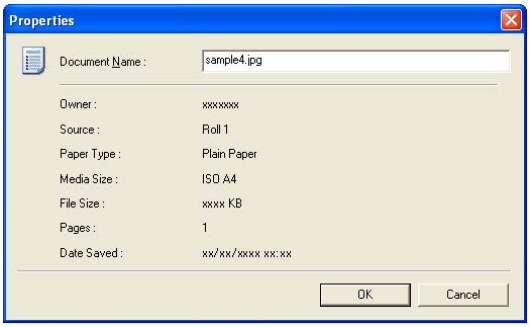
- Enter a password if one has been set.



2. In the **Documents** dialog box, select the saved job in the list and click **Properties**.



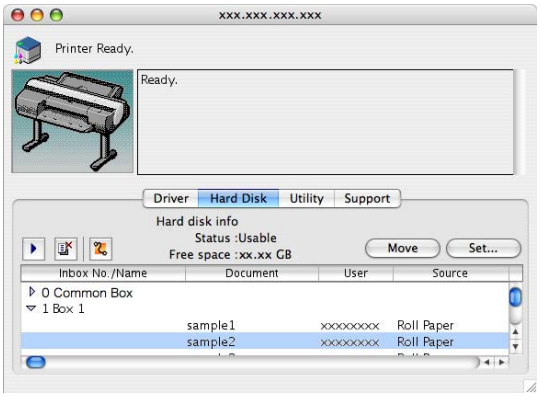
The **Properties** dialog box is displayed.



For details, refer to the imagePROGRAF Status Monitor help file.

Using imagePROGRAF Printmonitor (Mac OS)

1. On the **Hard Disk** pane, click ► next to **Inbox No./Name** to list saved jobs.



Note

- Enter a password if one has been set.
  The password is a four-digit number.



For details, refer to the imagePROGRAF Printmonitor help file.

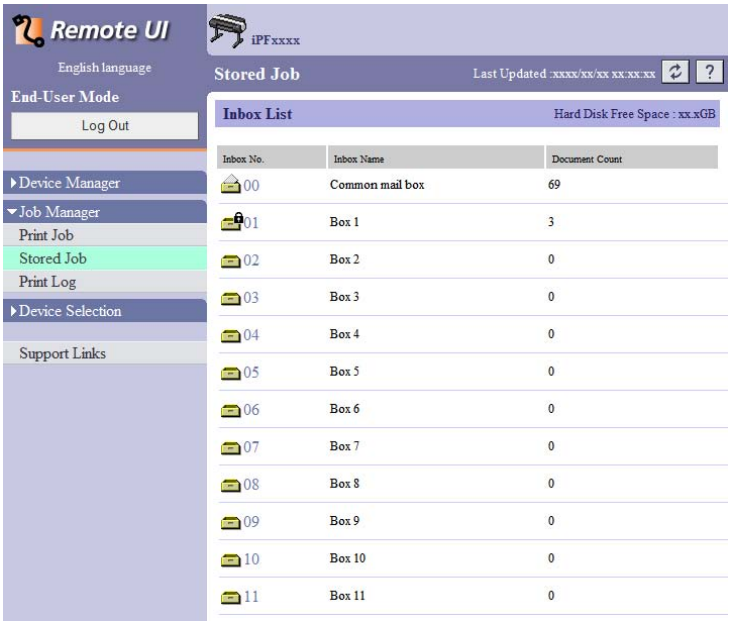
Renaming Saved Jobs

You can rename stored print jobs as follows.

- Using RemoteUI
- Using imagePROGRAF Status Monitor (Windows)
- Using imagePROGRAF Printmonitor (Mac OS)

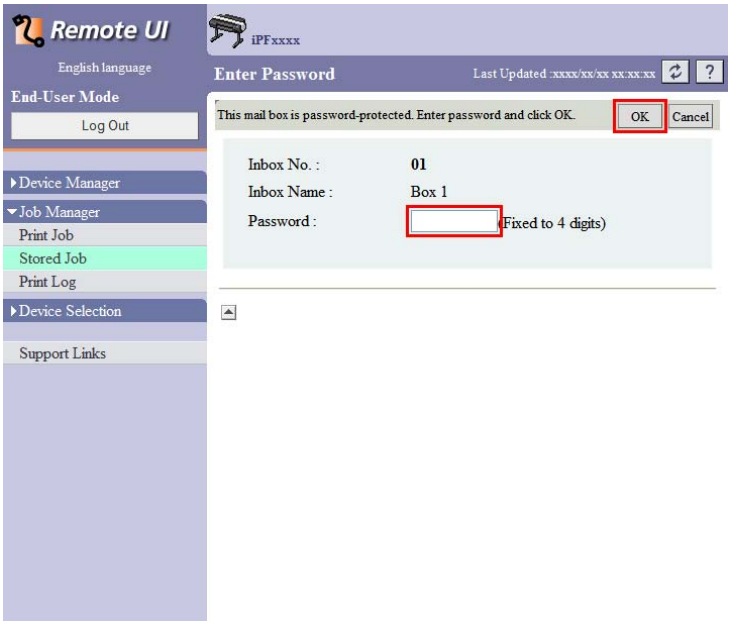
Using RemoteUI

1. On the **Stored Job** page, choose the mail box.

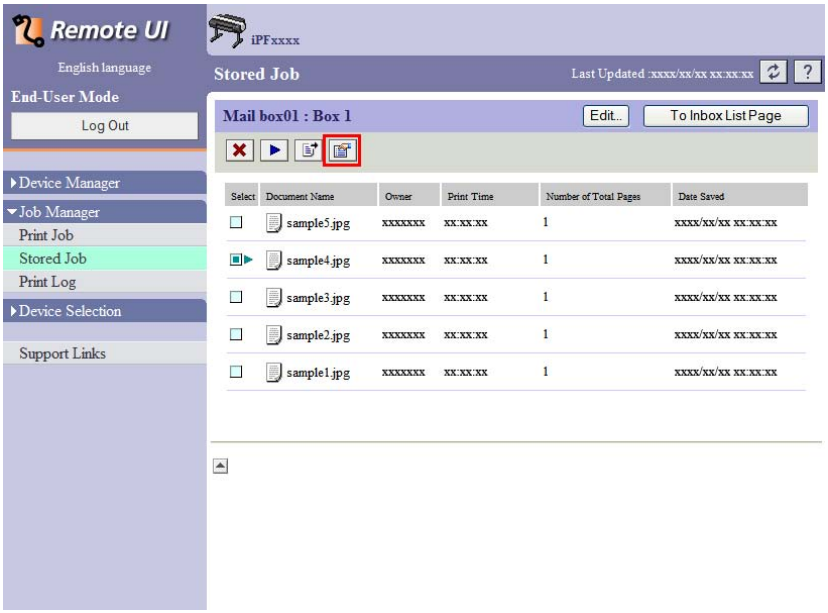


Note

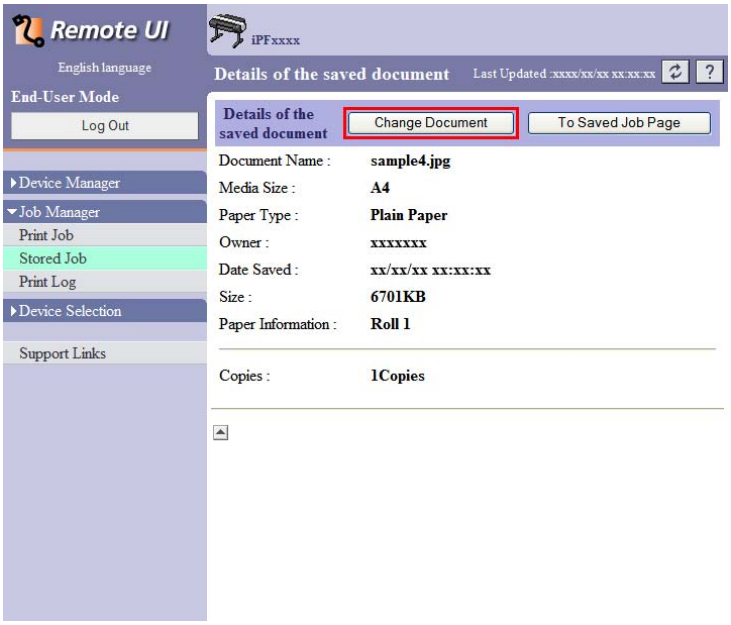
- Enter a password if one has been set.



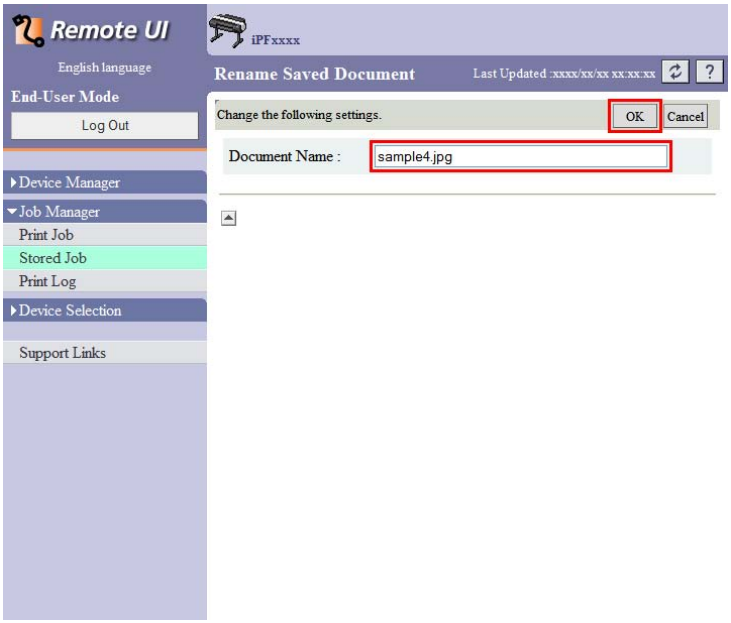
2. Select the saved job in the list and click **Details**.



3. On the **Details of the saved document** page, click **Change Document**.



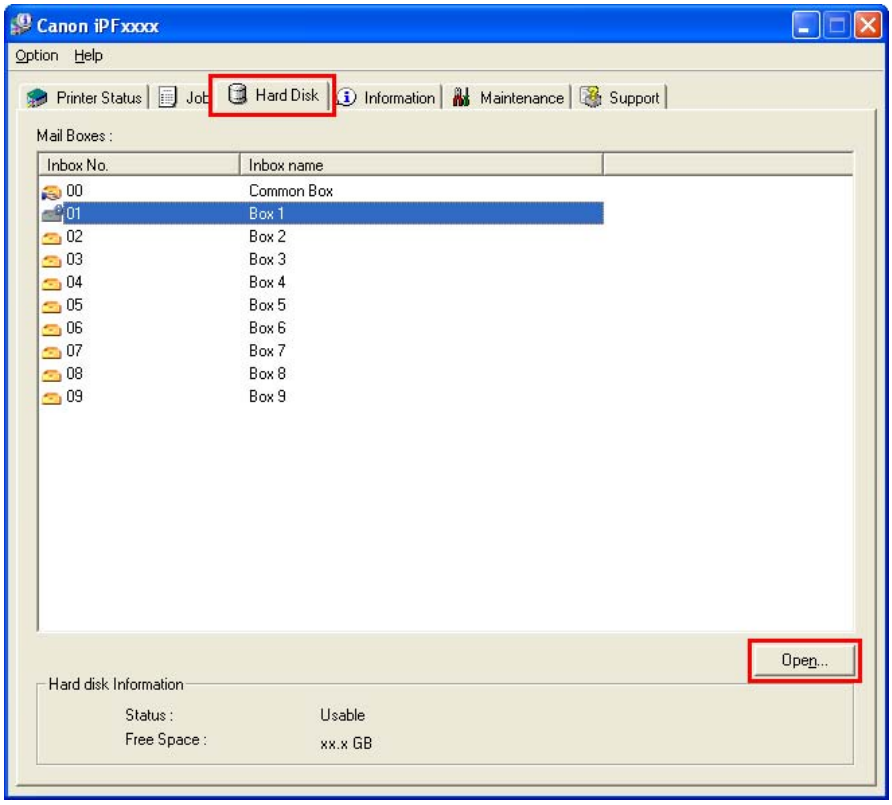
4. On the **Rename Saved Document** page, enter the new job name in **Document Name** and click **OK**.



For details, refer to the RemoteUI help.

Using imagePROGRAF Status Monitor (Windows)

1. On the **Hard Disk** sheet, select a mail box in the list and click **Open**.

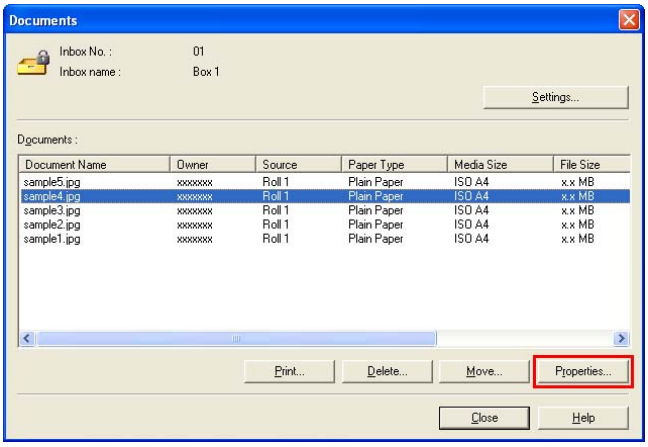


Note

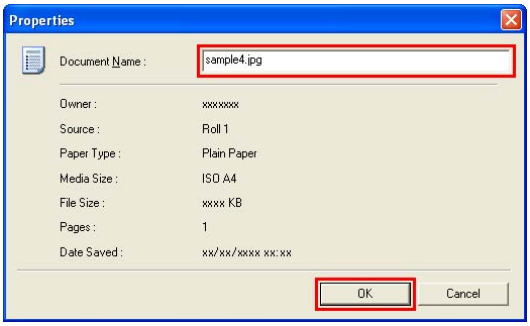
- Enter a password if one has been set.



2. In the **Documents** dialog box, select the saved job in the list and click **Properties**.



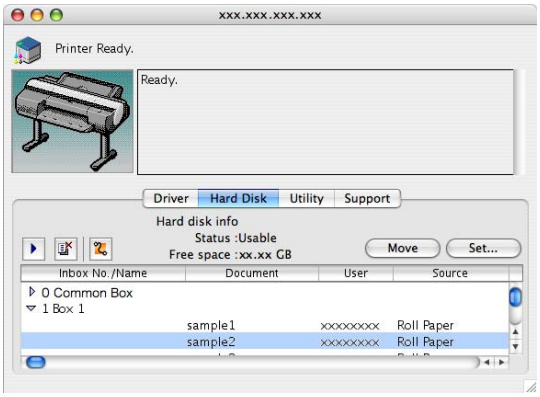
3. In the **Properties** dialog box, enter the new job name and click **OK**.



For details, refer to the imagePROGRAF Status Monitor help file.

Using imagePROGRAF Printmonitor (Mac OS)

1. On the **Hard Disk** pane, click ► next to **Inbox No./Name** to list saved jobs.

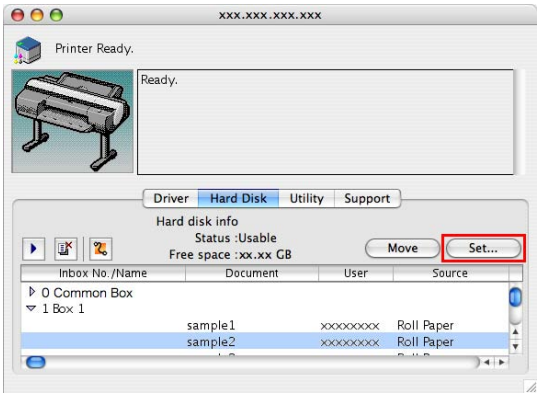


Note

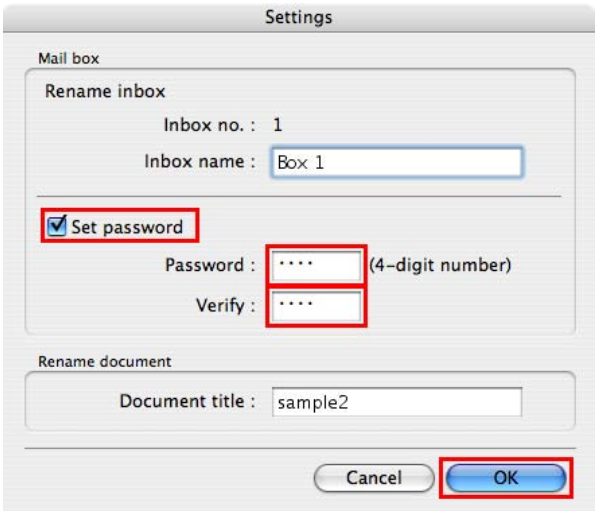
- Enter a password if one has been set.
  The password is a four-digit number.



2. Select the saved job in the list and click **Set**.



3. In the **Settings** dialog box, enter the new job name and click **OK**.
Documents cannot be renamed unless a password has been set. In this case, specify a password. After renaming, you can cancel the password as needed.



For details, refer to the imagePROGRAF Printmonitor help file.

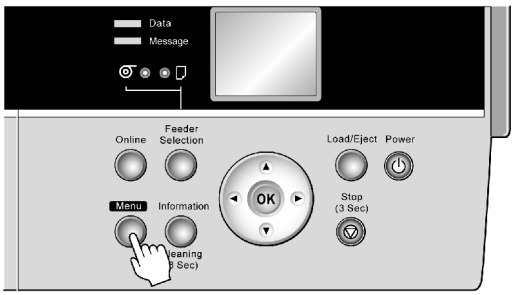
Deleting Saved Jobs

You can delete saved jobs in the box shared among all users and in each personal box.
Delete stored print jobs as follows.

- Using the Control Panel
- Using RemoteUI
- Using imagePROGRAF Status Monitor (Windows)
- Using imagePROGRAF Printmonitor (Mac OS)

Using the Control Panel

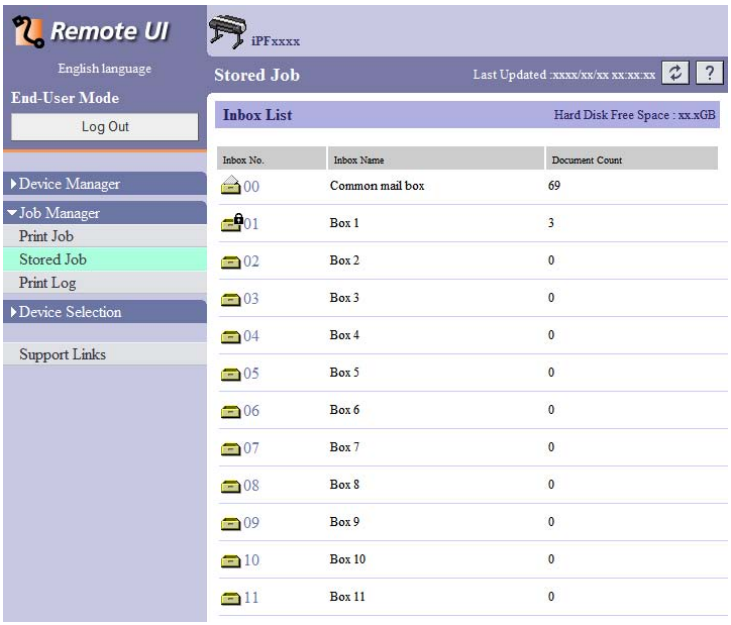
1. Press the **Menu** button to display **MAIN MENU**.



2. Delete the saved job.
   - To delete saved jobs in the Common Box
     1. Press ▲ or ▼ to select **Job Management**, and then press the ► button.
     2. Press ▲ or ▼ to select **Com. BOX Ope.**, and then press the ► button.
     3. Press ▲ or ▼ to select **Job List**, and then press the ► button.
     4. Press ▲ or ▼ to select the saved job to delete, and then press the ► button.
     5. Press ▲ or ▼ to select **Delete**, and then press the ► button.
     6. Confirm the print job for deletion and press the **OK** button.
   - To delete saved jobs in Personal Boxes
     1. Press ▲ or ▼ to select **Job Management**, and then press the ► button.
     2. Press ▲ or ▼ to select **Psnl. BOX Ope.**, and then press the ► button.
     3. Press ▲ or ▼ to select the folder, and then press the ► button.
     4. Enter a password if one has been set, and then press the **OK** button.
     5. Press ▲ or ▼ to select **Job List**, and then press the ► button.
     6. Press ▲ or ▼ to select the saved job to delete, and then press the ► button.
     7. Press ▲ or ▼ to select **Delete**, and then press the ► button.
     8. Confirm the print job for deletion and press the **OK** button.

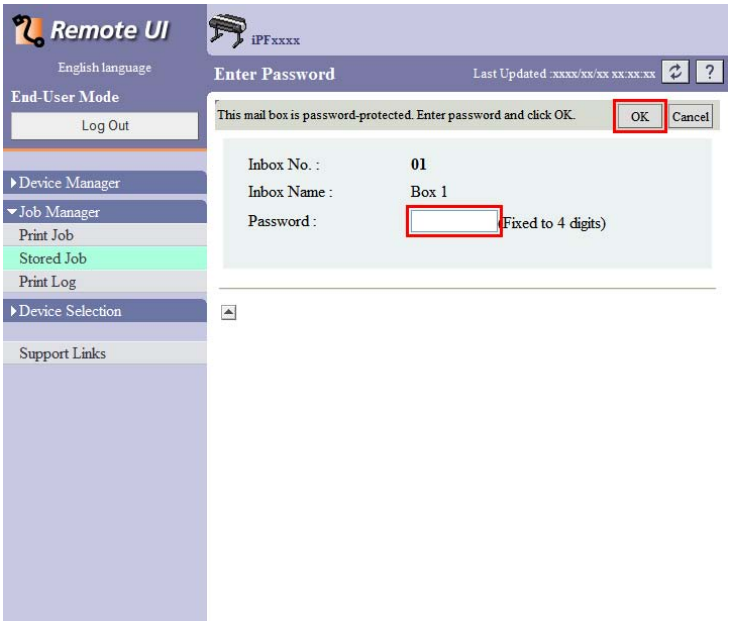
Using RemoteUI

1. On the **Stored Job** page, choose the mail box.

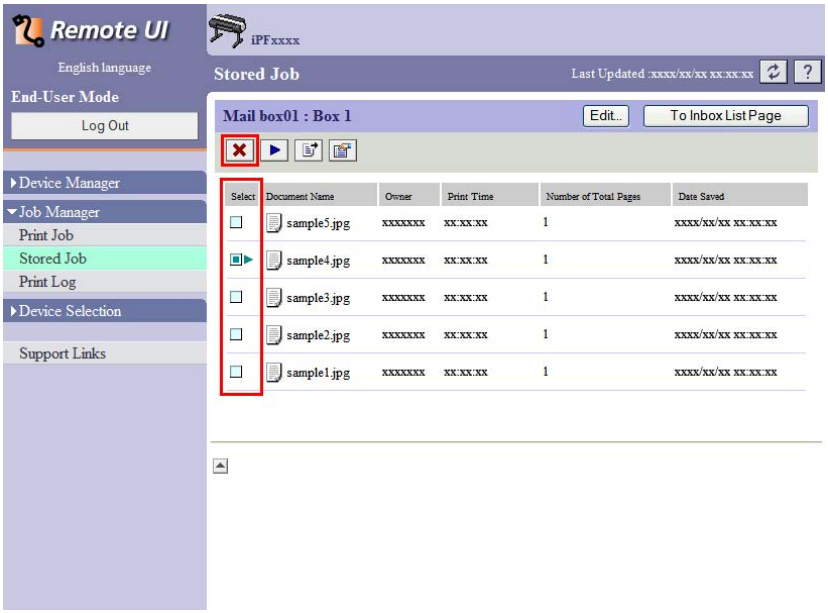


Note

- Enter a password if one has been set.



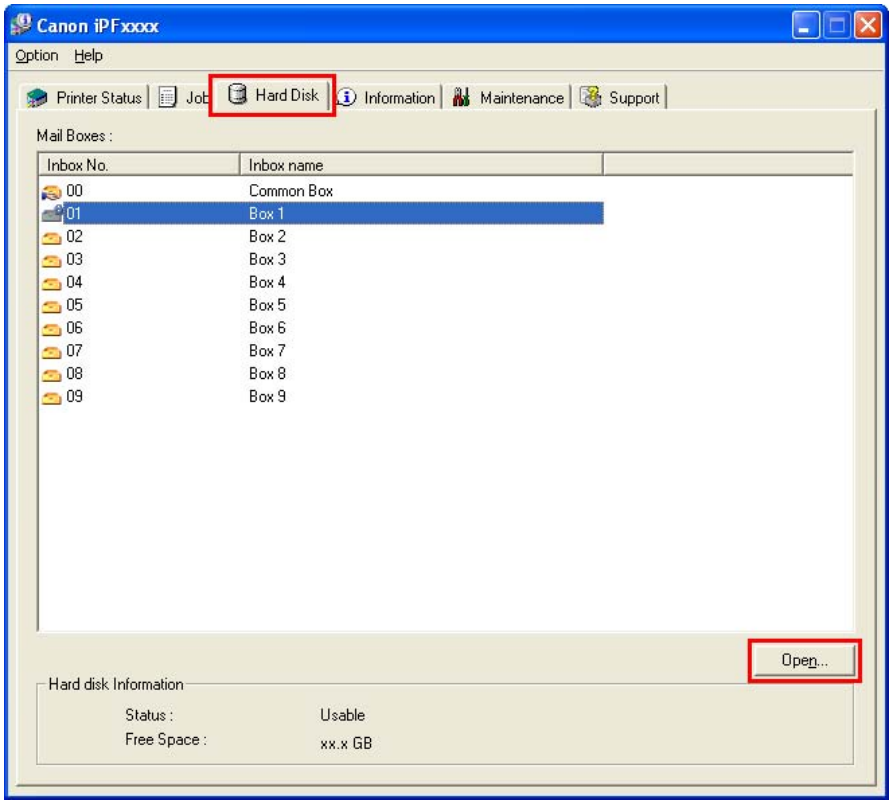
2. Select the saved job in the list and click **Delete**.



For details, refer to the RemoteUI help.

Using imagePROGRAF Status Monitor (Windows)

1. On the **Hard Disk** sheet, select a mail box in the list and click **Open**.

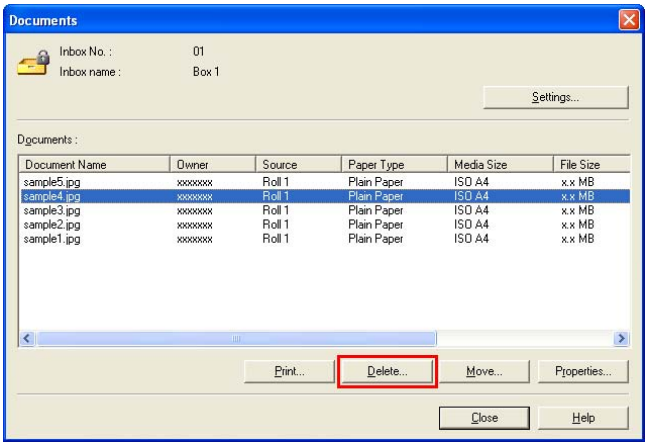


Note

- Enter a password if one has been set.



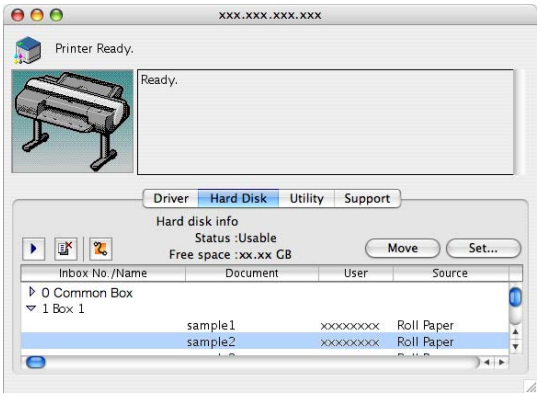
2. In the **Documents** dialog box, select the print job in the list and click **Delete**.



For details, refer to the imagePROGRAF Status Monitor help file.

Using imagePROGRAF Printmonitor (Mac OS)

1. On the **Hard Disk** pane, click ► next to **Inbox No./Name** to list saved jobs.

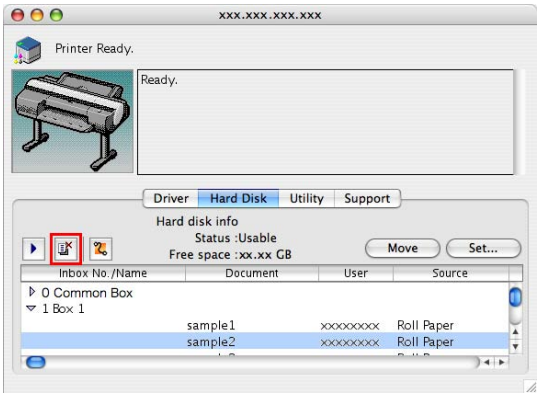


Note

- Enter a password if one has been set.
  The password is a four-digit number.



2. Select the saved job in the list and click **Delete**.



For details, refer to the imagePROGRAF Printmonitor help file.

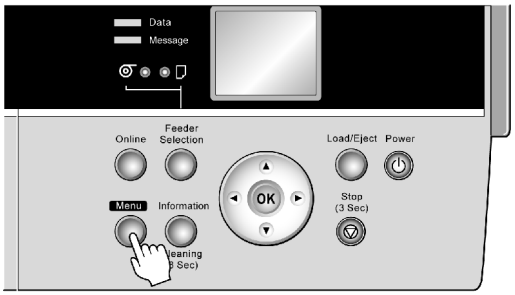
Checking the Free Hard Disk Space

You can check the space available on the printer's hard disk as follows.

- Using the Control Panel
- Using RemoteUI
- Using imagePROGRAF Status Monitor (Windows)
- Using imagePROGRAF Printmonitor (Macintosh)

Using the Control Panel

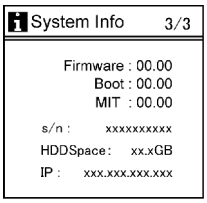
1. Press the **Menu** button to display **MAIN MENU**.



2. Press ▲ or ▼ to select **Information**, and then press the ► button.
3. Press ▲ or ▼ to select **HDD Information**, and then press the ► button.

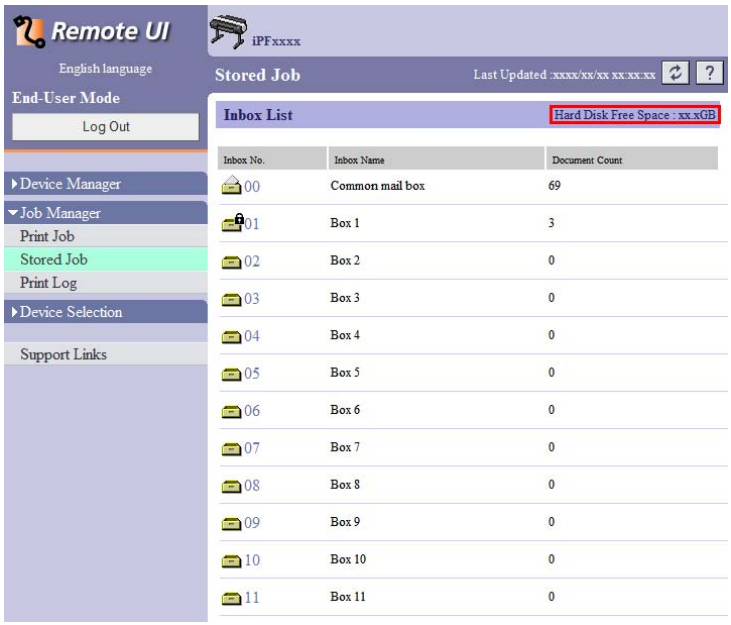
Note

- You can also check the free hard disk space by pressing the **Information** button three times.



Using RemoteUI

To view the box list, select **Stored Job** in Job Management. On the **Stored Job** page, the free hard disk space is shown in the upper-right corner when boxes are listed.

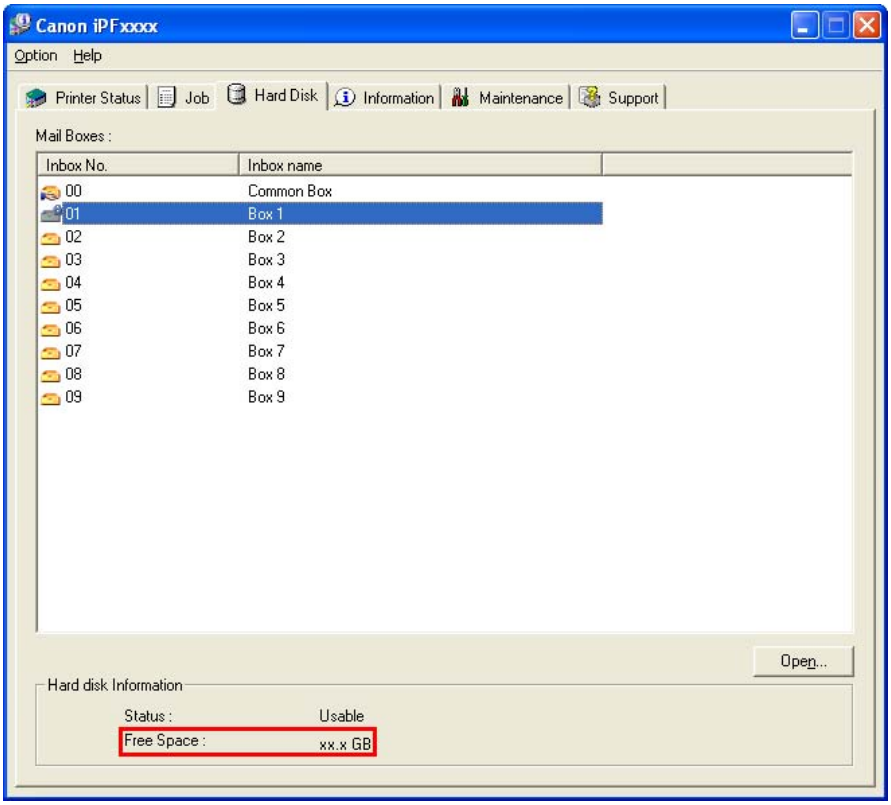


For details, refer to the RemoteUI help.

Using imagePROGRAF Status Monitor

The **Hard Disk** sheet shows the free hard disk space.

■Hard Disk Sheet in imagePROGRAF Status Monitor

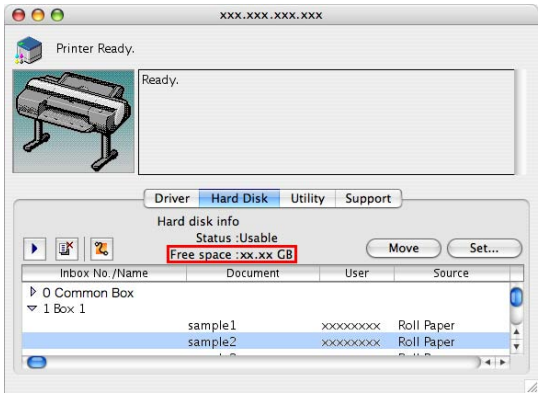


For details, refer to the imagePROGRAF Status Monitor help.

Using imagePROGRAF Printmonitor

The **Hard Disk** pane shows the free hard disk space.

■Hard Disk Pane in imagePROGRAF Printmonitor



For details, refer to the imagePROGRAF Printmonitor help.

Erasing Data on the Printer's Hard Disk

You can erase data on the printer's hard disk from the Control Panel.

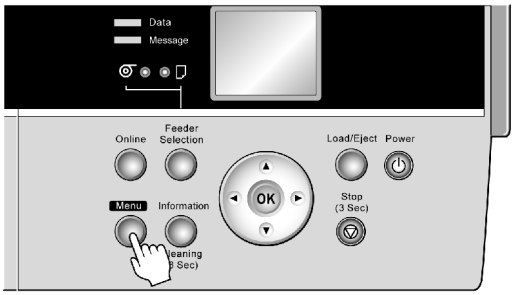
There are three ways to erase the data, as follows.

Erasure Method	Time Required	Details
High Speed	A few seconds	Erases file management data for print job data stored on the printer's hard disk. Choose this method for relatively fast erasure. Because only the file management data is erased, the print job data itself is not erased. Note that it may be possible to read this data using commercial data recovery software.
Secure High Spd.	About 40 minutes	Overwrites the entire hard disk with random data. No verification is performed to check if the data was correctly written. Choose this method to erase highly confidential data. Note that it may be possible to read the overwritten data using specialized data recovery tools.
Secure	About 24 hours	Overwrites the entire hard disk with 00, FF, and random data (one time each). Verification is performed to check if the data was correctly written. Choose this method to erase especially confidential data. It is virtually impossible to recover the overwritten data. Conforms to the DoD5220.22-M standard of the U.S. Department of Defense.

Note

- For a more secure method of preventing data recovery, we recommend physically or magnetically destroying the hard disk. In this case, the hard disk can no longer be used.
- **Erase HDD Data** is not available if there is a job queue.
  Also note that during execution of **Erase HDD Data**, print jobs cannot be processed.

1. Press the **Menu** button to display **MAIN MENU**.



2. Press ▲ or ▼ to select **System Setup**, and then press the ► button.
3. Press ▲ or ▼ to select **Erase HDD Data**, and then press the ► button.
4. Press ▲ or ▼ to select the method of erasure, and then press the ► button.
5. Press ▲ or ▼ to select **Yes**, and then press the **OK** button to display the confirmation screen.
6. Press ▲ or ▼ to select **Yes**, and then press the **OK** button to start erasure.

Adjustments for Better Print Quality

Adjusting the Printhead

Correcting Print Misalignment

If printed documents are affected by the following problems, try adjusting the printhead.

- Printed vertical lines are warped or colors are out of alignment

  Use **Auto Head Adj.** or **Manual Head Adj** to adjust the printhead position.

  Normally, use **Auto Head Adj.**. However, when using special paper or if printing is not improved after executing **Advanced Adj.** in **Auto Head Adj.**, try **Manual Head Adj**.

  For adjustment instructions, Adjusting the Printhead Alignment Automatically (→P.571) or see “Adjusting the Printhead Alignment Manually”. (→P.573)

Adjusting the Printhead Alignment Automatically

If printed vertical lines are warped or colors are out of alignment, adjust the Printhead alignment.
Use **Auto Head Adj.** to have the printer print and read a test pattern for automatic adjustment of the printhead.
Auto Head Adj. offers two modes, **Standard Adj.** and **Advanced Adj.**.
Standard Adj. will fix most slight image distortion or color misalignment, but if not, try **Advanced Adj.**.



Note

- If advanced adjustment does not improve printing results, or if you are using special paper, try manual adjustment.
  For instructions on manual adjustment, see “Adjusting the Printhead Alignment Manually”. (→P.573)
- Use **Standard Adj.** if you have switched to another type of paper or if you want the boundaries between colors to appear as attractive as possible.
- Use **Advanced Adj.** to fine-tune the space between nozzles or colors if you have switched the printhead or if you want printed documents to appear as vivid as possible. We recommend using **Advanced Adj.** for printing at a higher level of image quality.
- Always make sure the loaded paper matches the type of paper specified on the printer. Adjustment cannot be completed correctly unless the loaded paper matches the settings.
- We recommend using the type of paper you use most often for adjustment.
- This function is not available with CAD Tracing Paper, CAD Translucent Matte Film, or CAD Clear Film. If adjustment is not possible as expected using highly transparent film or similar media, try another type of paper, or try adjust the Printhead alignment manually. (→P.573)

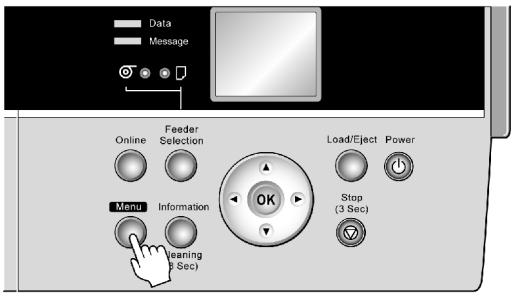
Paper to Prepare

Rolls	An unused roll at least 10 inches wide
Sheets	**Standard Adj.** : Three sheets of unused paper of at least A4/Letter size (or two sheets when using A2 or larger) **Advanced Adj.** : Eleven sheets of unused paper of at least A4/Letter size (or five sheets when using A2 or larger)

Execute **Auto Head Adj.** as follows.

1. Load the paper.
   - Loading Rolls on the Roll Holder (→P.115)
   - Loading Rolls in the Roll Feed Unit (→P.117)
   - Loading Rolls in the Printer (→P.118)
   - Loading Sheets Manually (→P.148)

2. Press the **Menu** button to display **MAIN MENU**.



3. Press ▲ or ▼ to select **Adjust Printer**, and then press the ► button.
4. Press ▲ or ▼ to select **Auto Head Adj.**, and then press the ► button.
5. Press ▲ or ▼ to select **Standard Adj.** or **Advanced Adj.**, and then press the ► button.
6. Press ▲ or ▼ to select **Yes**, and then press the **OK** button.
   A test pattern is printed for printhead adjustment.
   Adjustment is now finished if you have printed on a roll.
7. If you are printing on sheets, a confirmation message is displayed asking you whether to continue printing. Press the **OK** button and follow the instructions displayed.

Adjusting the Printhead Alignment Manually

If printed vertical lines are warped or colors are out of alignment, adjust the Printhead alignment.
With **Manual Head Adj**, you can manually adjust the Printhead alignment by printing and reading a test pattern. You can adjust the Printhead alignment automatically or manually. Normally, choose automatic adjustment. If advanced adjustment does not improve printing results, or if you are using special paper, try manual adjustment.
For instructions on straightening lines and colors automatically, see “Adjusting the Printhead Alignment Automatically”. (→P.571)



Note

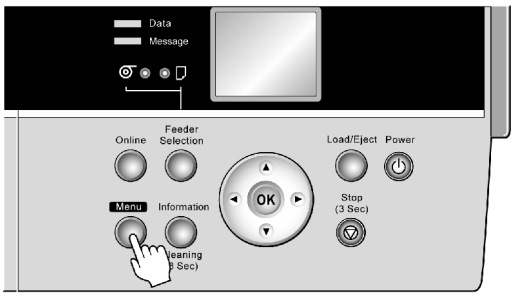
- If **Manual Head Adj** is not available although displayed in the menu, choose **Advanced Adj.** in **Auto Head Adj.**. **Manual Head Adj** is available in the menu after you try **Advanced Adj.** once.
- Always make sure the loaded paper matches the type of paper specified on the printer. Adjustment cannot be completed correctly unless the loaded paper matches the settings.
- We recommend using the type of paper you use most often for adjustment.

Paper to Prepare

Rolls	An unused roll at least 10 inches wide
Sheets	Two sheets of unused paper of at least A4/Letter size (or one sheet when using A2 or larger)

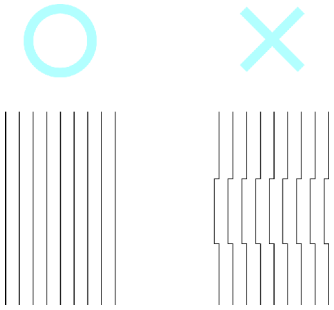
Execute **Manual Head Adj** as follows.

1. Load the paper.
   - Loading Rolls on the Roll Holder (→P.115)
   - Loading Rolls in the Roll Feed Unit (→P.117)
   - Loading Rolls in the Printer (→P.118)
   - Loading Sheets Manually (→P.148)
2. Press the **Menu** button to display **MAIN MENU**.



3. Press ▲ or ▼ to select **Adjust Printer**, and then press the ► button.
4. Press ▲ or ▼ to select **Manual Head Adj**, and then press the ► button.
5. Press ▲ or ▼ to select **Yes**, and then press the **OK** button.
   A test pattern is printed for printhead adjustment.
6. Press ▲ or ▼ to select **D**, and then press the ► button.
7. Press ▲ or ▼ to select **D-1**, and then press the ► button.

8. Examine test pattern **D-1** for printhead adjustment and determine the number of the pattern with straight lines.



Note

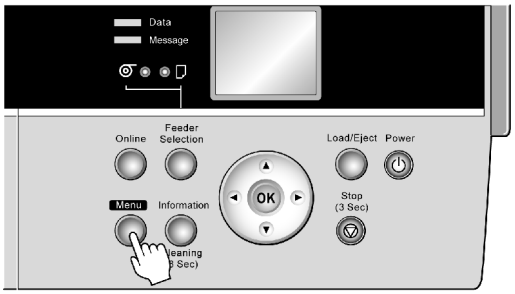
- If lines seem straightest in two patterns but you cannot decide which one is better, choose an intermediate value. For example, choose 11 if you cannot decide whether pattern 10 or 12 is better.

9. Press ▲ or ▼ to select the pattern number, and then press the **OK** button.
10. Repeat steps 7-9 to specify the adjustment value for **D-2** to **D-5**, **D-7** to **D-11**, and **D-13** to **D-24**.
11. Press the ◄ button.
12. Press ▲ or ▼ to select **Register Setting**, and then press the ► button.
13. Press ▲ or ▼ to select **Yes**, and then press the **OK** button.
    The adjustment value is now registered, and adjustment is complete.

Adjusting the Printhead Height

If printed documents rub against the printer during printing or if the edge of paper is wrinkled from rubbing, it may help to raise the Printhead.
If image edges are blurred, it may help to lower the Printhead.

1. Press the **Menu** button to display **MAIN MENU**.



2. Press ▲ or ▼ to select **Paper Details**, and then press the ► button.
3. Press ▲ or ▼ to select the type of paper, and then press the ► button.
4. Press ▲ or ▼ to select **Head Height**, and then press the ► button.
5. Press ▲ or ▼ to select the Printhead height, and then press the **OK** button.

Adjusting the feed amount

Adjusting the Feed Amount

If printed documents are affected by the following problems, try adjusting the feed amount.

- Banding in different colors
- Line length is not accurate in the direction paper is fed

To adjust the feed amount, do the following, in this order.

1. Depending on the issue, change the **Feed Priority** setting for the particular type of paper. (→P.577)
2. Based on the **Feed Priority** setting, use **Auto Band Adj.**, **Manual Band Adj**, or **Adjust Length**. (→P.578) (→P.580) (→P.583)
3. If additional fine-tuning is necessary after **Auto Band Adj.** or **Manual Band Adj**, use **Fine Band Adj.** in the **Menu Durng Prtng**. (→P.582)

Selecting a Feed Amount Adjustment Method (Feed Priority)

Methods of adjusting the amount paper is fed are set for each type of paper, in the **Feed Priority** setting. Adjust the **Feed Priority** setting to suit your particular printing application.

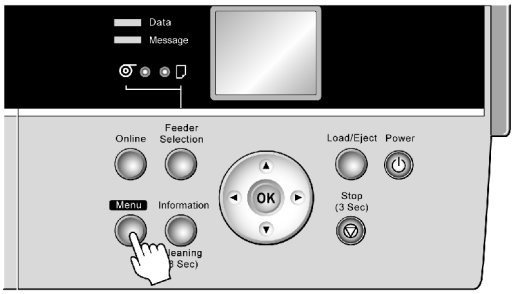
- **Band Joint** : Adjusts the feed amount to reduce banding across the sheet in printed documents.
  The settings of **Auto Band Adj.** or **Manual Band Adj** are applied. If you have executed **Fine Band Adj.**, in addition to the settings of **Auto Band Adj.** or **Manual Band Adj**, the settings of **Fine Band Adj.** are also applied.
- **Print Length** : Adjusts the feed amount for better accuracy of lines in printed documents.
  The settings of **A: Standard** or **B: Other** in the **Adjust Length** menu are applied.
- **Automatic** : **Band Joint** or **Print Length** is selected, depending on **Print Priority** as selected in the printer driver at the time of printing.
  Image or **Office Document** : **Band Joint** is selected.
  Line Drawing/Text : **Print Length** is selected.

Note

- Use **Manual Band Adj** for transparent media or other paper for which adjustment with **Auto Band Adj.** is not possible.
- Two **Adjust Length** options are available (**A: Standard** and **B: Other**), and the settings for both options are saved. The setting of **B: Other** is applied when printing in high-speed mode from software or systems other than the printer driver. In other cases, the **A: Standard** setting is applied.
- If you have selected **Easy Settings** in the printer driver, follow these steps to confirm the **Print Priority** setting.
  - Windows: Click **View Settings** on the **Main** tab to display the **View Settings** dialog box.
  - Mac OS X: Click **View set.** on the **Main** pane to display the **View settings** dialog box.

Follow these steps to change the **Feed Priority** setting.

1. Press the **Menu** button to display **MAIN MENU**.



2. Press ▲ or ▼ to select **Paper Details**, and then press the ► button.
3. Press ▲ or ▼ to select the type of paper, and then press the ► button.
4. Press ▲ or ▼ to select **Feed Priority**, and then press the ► button.
5. Press ▲ or ▼ to select **Automatic**, **Band Joint** or **Print Length** and then press the **OK** button.

Adjusting the Feed Amount Automatically

If printed images are affected by banding in different colors, adjust the amount that paper is fed.
Auto Band Adj. offers two modes, **Standard Adj.** and **Advanced Adj.**. Use **Advanced Adj.** if **Standard Adj.** does not eliminate banding, or when using paper other than genuine Canon paper or paper for which printing has been verified by Canon.
Always check the **Feed Priority** setting before using **Auto Band Adj.**. (→P.577)

Note

- When using highly transparent media not compatible with **Auto Band Adj.**, you must adjust the feed amount manually. (→P.580)
- If you will use POP board or similar heavyweight paper for adjustment, we recommend using **Advanced Adj.**.
- If additional fine-tuning is necessary after **Auto Band Adj.**, use **Fine Band Adj.**. (→P.582)
- To adjust the measurement scale and ensure accuracy (so that lines in CAD drawings are printed at exactly the right length, for example), specify the amount of paper stretching or shrinkage when adjusting the feed amount. (→P.583)
- This may take some time, depending on the type of paper.
- Use paper of the same type and size for adjustment as you will use for printing.

Paper to Prepare

Rolls	An unused roll at least 10 inches wide
Sheets	**Standard Adj.** : One sheet of unused paper of at least A4/Letter size **Advanced Adj.** : Two sheets of unused paper of at least A4/Letter size (or one sheet when using A2 or larger)

Execute **Auto Band Adj.** as follows.

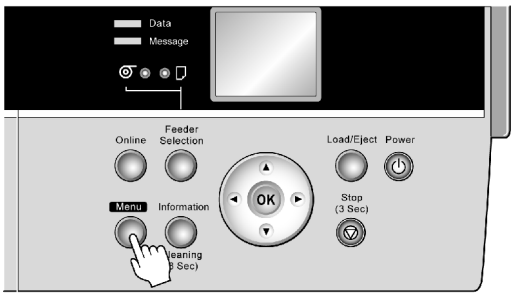
1. Load the paper.

- Loading Rolls on the Roll Holder (→P.115)
- Loading Rolls in the Roll Feed Unit (→P.117)
- Loading Rolls in the Printer (→P.118)
- Loading Sheets Manually (→P.148)

Note

- Always make sure the loaded paper matches the type of paper specified in the settings. Adjustment cannot be completed correctly unless the loaded paper matches the settings.

2. Press the **Menu** button to display **MAIN MENU**.



3. Press ▲ or ▼ to select **Adjust Printer**, and then press the ► button.
4. Press ▲ or ▼ to select **Auto Band Adj.**, and then press the ► button.
5. Press ▲ or ▼ to select **Standard Adj.** or **Advanced Adj.**, and then press the ► button.
6. Press ▲ or ▼ to select **Yes**, and then press the **OK** button.
   A test pattern is printed for band adjustment.
   Adjustment is now finished if you have printed on a roll or a sheet of A2 size or larger.
7. If you are printing on sheets smaller than A2 size for **Advanced Adj.**, a confirmation message is shown on the Display Screen asking whether you would like to continue printing. Press the **OK** button and follow the instructions on the Display Screen.

Adjusting the Feed Amount Manually

If printed images are affected by banding in different colors, adjust the amount that paper is fed.

Use **Manual Band Adj** for transparent media or other paper for which adjustment with **Auto Band Adj.** is not possible.
We recommend automatic adjustment for other types of paper. (→P.578)
Always check the **Feed Priority** setting before using **Manual Band Adj**. (→P.577)

Note

- If additional fine-tuning is necessary after **Manual Band Adj**, use **Fine Band Adj.**. (→P.582)
- Use paper of the same type and size for adjustment as you will use for printing.

Paper to Prepare

Rolls	An unused roll at least 10 inches wide
Sheets	Two sheets of unused paper of at least A4/Letter size

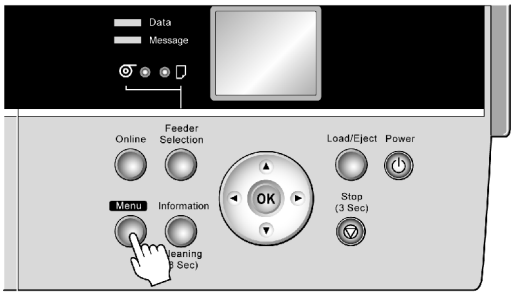
Execute **Manual Band Adj** as follows.

1. Load the paper.
   - Loading Rolls on the Roll Holder (→P.115)
   - Loading Rolls in the Roll Feed Unit (→P.117)
   - Loading Rolls in the Printer (→P.118)
   - Loading Sheets Manually (→P.148)

   Note

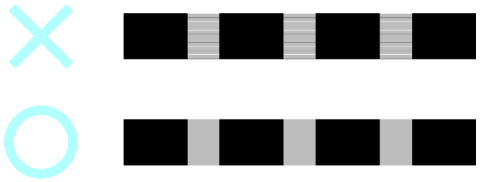
   - Always make sure the loaded paper matches the type of paper specified in the settings. Adjustment cannot be completed correctly unless the loaded paper matches the settings.

2. Press the **Menu** button to display **MAIN MENU**.



3. Press ▲ or ▼ to select **Adjust Printer**, and then press the ► button.
4. Press ▲ or ▼ to select **Manual Band Adj**, and then press the ► button.
5. Press ▲ or ▼ to select **Yes**, and then press the **OK** button.
   Test pattern A is printed for band adjustment.

6. Examine test pattern A for band adjustment. Determine the pattern in which streaks are least noticeable.



Note

- If streaks seem least noticeable in two patterns but you cannot decide which one is better, choose an intermediate value. For example, choose 11 if you cannot decide whether pattern 10 or 12 is better.

7. Press ▲ or ▼ to display the number selected in step 6, and then press the **OK** button.
   Test pattern B is printed for band adjustment.
8. Examine test pattern B for band adjustment. Determine the pattern in which streaks are least noticeable.
9. Press ▲ or ▼ to display the number selected in step 8, and then press the **OK** button.
   The adjustment value is now registered, and adjustment is complete.

Banding Adjustment During Printing (Fine Band Adj.)

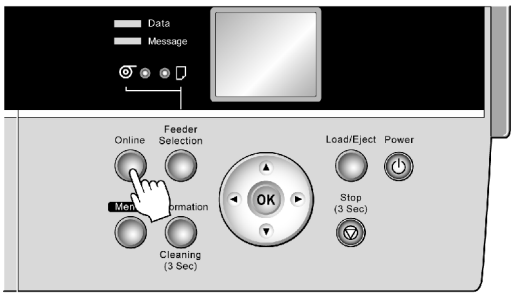
If, during printing, the contrast is uneven sideways across the paper or banding in different colors appears every 40 mm (1.6 in) or so, try adjusting the feed amount as follows. The results of adjustment are applied to printing in progress, enabling you to check the results immediately. However, note that because printing is paused, colors may be slightly different.
Use **Fine Band Adj.** after **Auto Band Adj.** or **Manual Band Adj** if finer adjustment is required. (→P.578) (→P.580)

Note

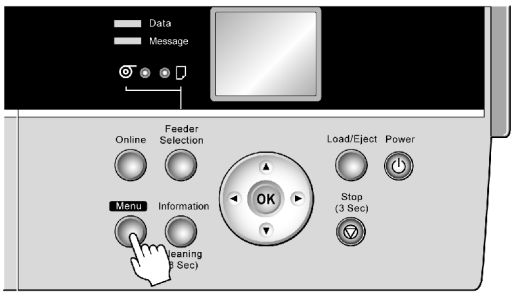
- The **Fine Band Adj.** value is reset to 0 if you use **Auto Band Adj.** or **Manual Band Adj**.

Execute **Fine Band Adj.** during printing as follows.

1. Press the **Online** button to pause printing.



2. Press the **Menu** button to display the menu during printing. (→P.66)

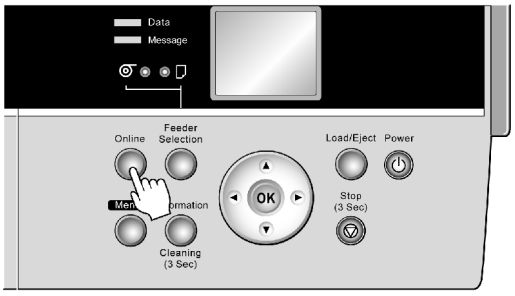


3. Press ▲ or ▼ to select **Menu Durng Prtng**, and then press the **OK** button.
4. Press ▲ or ▼ to select **Fine Band Adj.**, and then press the ► button.
5. Press ▲ or ▼ to change the value, and then press the **OK** button.

Note

- The supported range is -5 to +5.

6. Press the **Online** button to resume printing.



Adjusting the Measurement Scale for Better Accuracy

Use **Adjust Length** to ensure that lines in CAD drawings are printed at exactly the right length.

Two **Adjust Length** options are available (**A: Standard** and **B: Other**), and the settings for both options are saved.
The setting of **B: Other** is applied when printing in high-speed mode from software or systems other than the printer driver. In other cases, the **A: Standard** setting is applied.
Check the **Feed Priority** setting before using **Adjust Length**. (→P.577)

Note

- Use paper of the same type and size for adjustment as you will use for printing.
- If you have selected **Easy Settings** on the printer, follow these steps to confirm the **Print Quality** setting.
  - Windows: Click **View Settings** on the **Main** tab to display the **View Settings** dialog box.
  - Mac OS X: Click **View set.** on the **Main** pane to display the **View settings** dialog box.

Paper to Prepare

Rolls	An unused roll at least 10 inches wide
Sheets	One sheet of unused paper of at least A4/Letter size

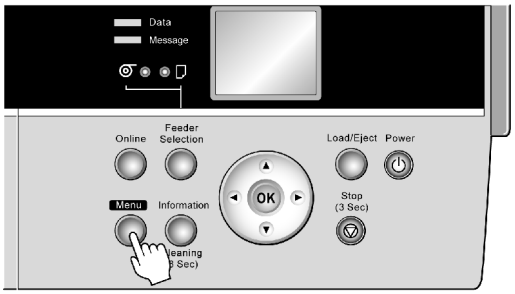
Follow these steps to change the **Adjust Length** setting.

1. Load the paper.
   - Loading Rolls on the Roll Holder (→P.115)
   - Loading Rolls in the Roll Feed Unit (→P.117)
   - Loading Rolls in the Printer (→P.118)
   - Loading Sheets Manually (→P.148)

   Note

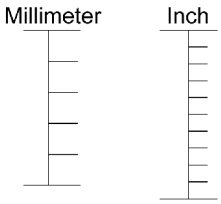
   - Always make sure the loaded paper matches the type of paper specified in the settings. Adjustment cannot be completed correctly unless the loaded paper matches the settings.
     Note that **B: Other** may not be available when using some types of paper.

2. Press the **Menu** button to display **MAIN MENU**.



3. Press ▲ or ▼ to select **Adjust Printer**, and then press the ► button.
4. Press ▲ or ▼ to select **Adjust Length**, and then press the ► button.
5. Press ▲ or ▼ to select **A: Standard** or **B: Other**, and then press the ► button.

6. Press ▲ or ▼ to select **Yes**, and then press the **OK** button.
A test pattern is printed for adjustment based on the amount of paper stretching or shrinkage.
The scale bar shows “Millimeter” in 50 mm units and “Inch” in 1 inch units.



Note

- A test pattern is printed in black when you choose **A: Standard** or in magenta if you choose **B: Other**.
- To cancel printing the test pattern for adjustment, hold down the **Stop** button for a second or more, and then go to step 7.

7. Measure the length of the adjustment pattern. Calculate the difference between the measured length and actual length. Enter it as a percentage and press the **OK** button.
You can adjust the value in 0.02% increments. Press ▲ to increase the value or ▼ to decrease it.
If the scale is printed shorter than actual size, set the value toward the positive side; if it is printed longer, set the value toward the negative side.

Note

- You can also specify the adjustment value in **Adjust Length** in the **Paper Details** menu. In this case, no test pattern for adjustment is printed.
- If you have not selected a coated paper in the **Paper Details** menu, **B: Other** is not shown in the **Adjust Length** menu.
  Note that **B: Other** may not be shown when using some types of paper.

Adjusting Color on the Trailing Edge of Sheets

If printed sheets are affected by banding in different colors toward the end of the sheet (about 20-30 mm from the edge), try adjusting the feed amount of the trailing edge of sheets.

Note

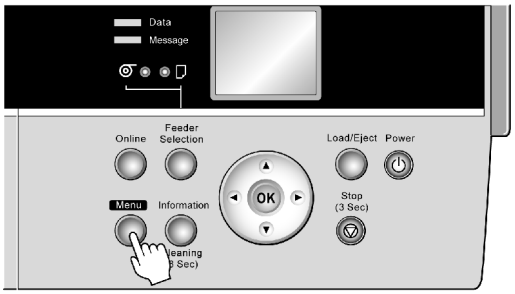
- If printed documents (including documents printed on rolls) are affected by banding in different colors not only toward the end of the sheet but throughout the printed area, try adjusting the overall feed amount. (→P.578)
- This adjustment is only possible when feeding paper from the Top Paper Feed Slot that can be set up with a margin on the trailing edge of 3 mm (0.12 in). If you use paper for which you cannot specify a trailing margin of 3 mm, it will be automatically ejected, and adjustment is not possible.

1. Load a sheet of unused paper A4/Letter-sized or larger.

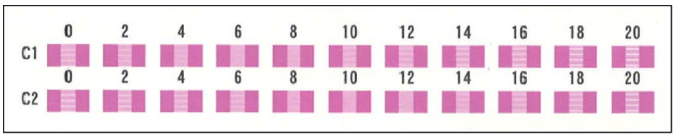
Note

- Always make sure the loaded paper matches the media type setting on the printer. Adjustment cannot be completed correctly unless the setting value matches the loaded paper.
- We recommend using the type of paper you use most often for adjustment.

2. Press the **Menu** button to display **MAIN MENU**.



3. Press ▲ or ▼ to select **Adjust Printer**, and then press the ► button.
4. Press ▲ or ▼ to select **Adj Far Ed Feed**, and then press the ► button.
5. Press ▲ or ▼ to select **Yes**, and then press the **OK** button.
   A test pattern is printed for adjustment.

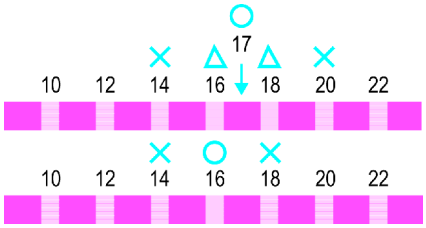


   C1 is displayed on the Control Panel.
6. Examine test pattern **C1** for adjustment. After you determine the pattern in which streaks are least noticeable, press the ▲ or ▼ to choose the pattern number, and then press the **OK** button.
   C2 is displayed on the Control Panel.

7. Examine test pattern **C2** for adjustment. After you determine the pattern in which streaks are least noticeable, press the ▲ or ▼ to choose the pattern number, and then press the **OK** button. The printer now goes back online.

Note

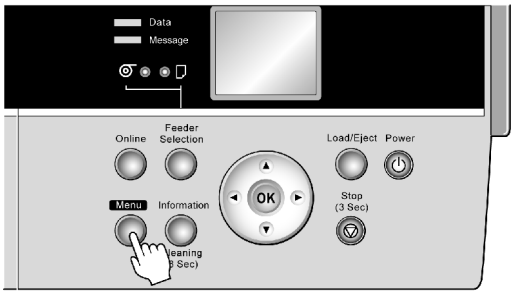
- If streaks seem least noticeable in two patterns but you cannot decide which one is better, choose an intermediate value. For example, choose 17 if you cannot decide whether pattern 16 or 18 is better.



Adjusting the Vacuum Strength

When printing on heavyweight paper or paper that curls or wrinkles easily, if paper rubs against the printer or the edge is wrinkled from rubbing, adjusting the level of suction against paper on the Platen may improve results.

1. Press the **Menu** button to display **MAIN MENU**.



2. Press ▲ or ▼ to select **Paper Details**, and then press the ► button.
3. Press ▲ or ▼ to select the type of paper, and then press the ► button.
4. Press ▲ or ▼ to select **VacuumStrngth**, and then press the ► button.
5. Press ▲ or ▼ to select the level of suction against paper on the Platen, and then press the **OK** button.

Color adjustment

Using Color Calibration to Adjust Colors

The calibration function improves color consistency by compensating for slight differences in how color appears due to individual variation among Printheads or conditions in various printing environments.
We recommend performing calibration in the following situations.

- At the time of initial installation
- After Printhead replacement
- If colors seem different from before (however, make sure you are printing under the same conditions and viewing documents in the same environment)
- To ensure uniform colors when printing on multiple printers (however, be sure to use the same version of firmware and printer driver and the same settings)

When you execute color calibration, the printer will print and read a test pattern, and the resulting calibration value will be set in the printer automatically.

Important

- Calibration requires one of the following types of paper. However, note that various environmental conditions are recommended for each type of paper. Be sure to use the printer where the recommended environmental conditions for the paper are met. For details on recommended environmental conditions for various paper, see the Paper Reference Guide. (→P.104)

Paper Compatible With Color Calibration	Japan	Europe	Americas
GlossyPhoto 190	-	Compatible	Compatible
SatinPhoto 190	-	Compatible	Compatible
GlossyPhoto 240	-	Compatible	Compatible
SatinPhoto 240	-	Compatible	Compatible
Premium GI 200	Compatible	Compatible	Compatible
Prem.SemiGl 200	Compatible	Compatible	Compatible
Premium GI 280	Compatible	Compatible	Compatible
Prem.SemiGl 280	Compatible	Compatible	Compatible
Comm Proofing	-	Compatible	Compatible
Art Extr Smooth	-	Compatible	-
HW Coated	Compatible	Compatible	Compatible
Premium MatteP	Compatible	Compatible	Compatible
Poster Semi-Gl	Compatible	Compatible	Compatible
PhotoPlusGl 2	Compatible	Compatible	Compatible
Proofing Paper	Compatible	Compatible	Compatible

FineArt Photo	Compatible	Compatible	Compatible
FneArt HW Photo	Compatible	Compatible	Compatible

- The optimal adjustment value from color calibration is applied before printing, even when you print on paper other than the type used for calibration.
- In the printer driver or on the Control Panel (in the **MAIN MENU**), you can specify whether to apply the calibration value in printing. The printer driver settings are given priority.
  For main menu details, see “Main Menu Settings”. (→P.55)
  For details on printer driver settings, refer to the following sections.
  - Printer Driver Settings (Windows) (→P.380)
  - Printer Driver Settings (Mac OS X) (→P.433)
- Before color calibration, ensure the printer is not exposed to direct sunlight or other strong sources of light.
- If, when reinstalling the printer driver, you change the region selection of the Media Configuration Tool, the region-specific paper information originally registered on the printer before installation will be deleted. If the information of paper you used for color calibration is deleted, color calibration can no longer be applied to any type of paper. If you wish to apply calibration results, prepare paper compatible with calibration in the newly selected region and perform calibration again. (See Media Configuration Tool Guide (Windows) or Media Configuration Tool Guide (Macintosh).)
- To restore the default settings, select **System Setup** > **Reset PaprSetngs** > **Yes** in the **MAIN MENU**. Because paper information added or modified by the Media Configuration Tool is also deleted, if you have calibrated the printer using paper for which you added information using the Media Configuration Tool, such color calibration can no longer be applied to any type of paper. If you wish to apply calibration results, prepare a type of paper compatible with calibration for which information was set by default and perform calibration again. (See Media Configuration Tool Guide (Windows) or Media Configuration Tool Guide (Macintosh).)



Note

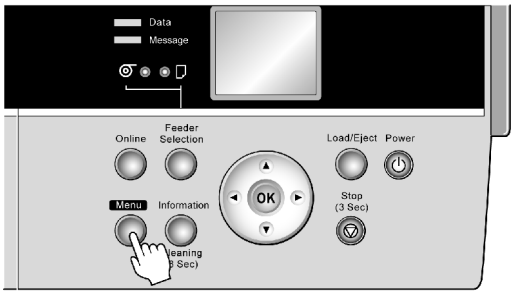
- After calibration, you can adjust colors even further in the printer driver, as desired. (→P.203)
- You can confirm the date and paper used for calibration on the Control Panel, in **MAIN MENU** > **Status Print**, or by referring to imagePROGRAF Status Monitor (in Windows) or imagePROGRAF Printmonitor (in Mac OS).
  For main menu details, see “Main Menu Settings”. (→P.55)
  For imagePROGRAF Status Monitor details, refer to the imagePROGRAF Status Monitor help file.
  For imagePROGRAF Printmonitor details, refer to the imagePROGRAF Printmonitor help file.

Paper to Prepare

Rolls	An unused roll at least 10 inches wide and compatible with calibration
Sheets	One sheet of unused paper of at least A4/Letter size and compatible with calibration

Perform calibration as follows.

1. Load the paper.
   - Loading Rolls on the Roll Holder (→P.115)
   - Loading Rolls in the Roll Feed Unit (→P.117)
   - Loading Rolls in the Printer (→P.118)
   - Loading Sheets Manually (→P.148)
2. Press the **Menu** button to display **MAIN MENU**.



3. Press ▲ or ▼ to select **Adjust Printer**, and then press the ► button.
4. Press ▲ or ▼ to select **Calibration**, and then press the ► button.
5. Press ▲ or ▼ to select **Auto Adjust**, and then press the ► button.
6. Press ▲ or ▼ to select **Yes**, and then press the **OK** button.
   After the printer measures environmental conditions and confirms the paper, a test pattern for color calibration is printed. The resulting calibration value will be set in the printer automatically.

Printing in Ideal Colors for Light in the Viewing Environment

You can print in the colors that look best when viewed under the light where the printed image will be displayed. There are two ways to adjust the color tone for the ambient light, as follows.

By selecting color tones on Charts before printing

On the printed **Chart**, note the number of the set of colors with the desired color tone and enter this number in the printer driver before printing.

Important

- This function requires that the **Light Source Check Tool** be installed.
- You can install the **Light Source Check Tool** from the User Software CD-ROM.
- This function is only supported in Windows and Mac OS X 10.4 or later.
- The colors in this function may differ slightly depending on the system software used (Windows 32/64 bit or Macintosh).

For instructions on selecting color tones on **Charts** before printing, refer to the following topic:

- Selecting Color Tones on Charts Before Printing (Windows) (→P.592)
- Selecting Color Tones on Charts Before Printing (Mac OS X) (→P.596)

Printing in Colors Matching the Measured Ambient Light

Measure the light level in the viewing environment and enter the results in the printer driver before printing.

Important

- This function requires the i1 spectrophotometer. The Light Source Measure Tool must also be installed.
- You can install the Light Source Measure Tool from the User Software CD-ROM.
- For a list of supported i1 devices, refer to the manual provided with the Light Source Measure Tool.
- This function is only supported in Windows and Mac OS X 10.4 or later.
- The colors in this function may differ slightly depending on the system software used (Windows 32/64 bit or Macintosh).

For instructions on measuring light levels before printing, refer to the following topic:

- Printing in Colors Matching the Measured Ambient Light (Windows) (→P.600)
- Printing in Colors Matching the Measured Ambient Light (Mac OS X) (→P.603)

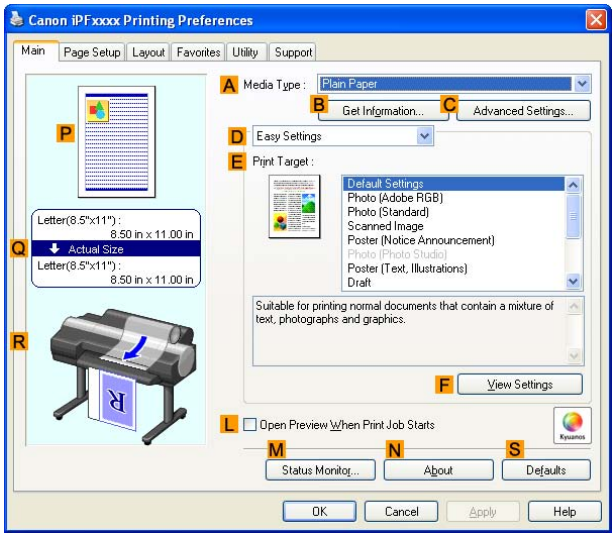
Selecting Color Tones on Charts Before Printing (Windows)

Print **Charts**, note the number of the chart with your desired color tone, and enter this number in the printer driver before printing.

Important

- This function requires that the **Light Source Check Tool** be installed.
- You can install the **Light Source Check Tool** from the User Software CD-ROM.

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
3. Make sure the **Main** sheet is displayed.

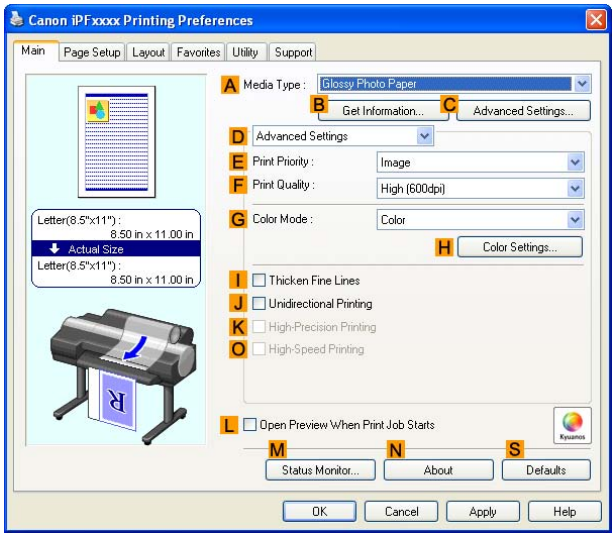


4. In the A **Media Type** list, select the type of paper that is loaded (for example, Glossy Photo Paper).

Important

- Ambient light matching may not be available, depending on the type of paper used. For more information, see the Paper Reference Guide. (→P.104)

5. Click **D** **Advanced Settings** to switch the print mode.



6. In **F** **Print Quality**, click **Highest** or **High**.

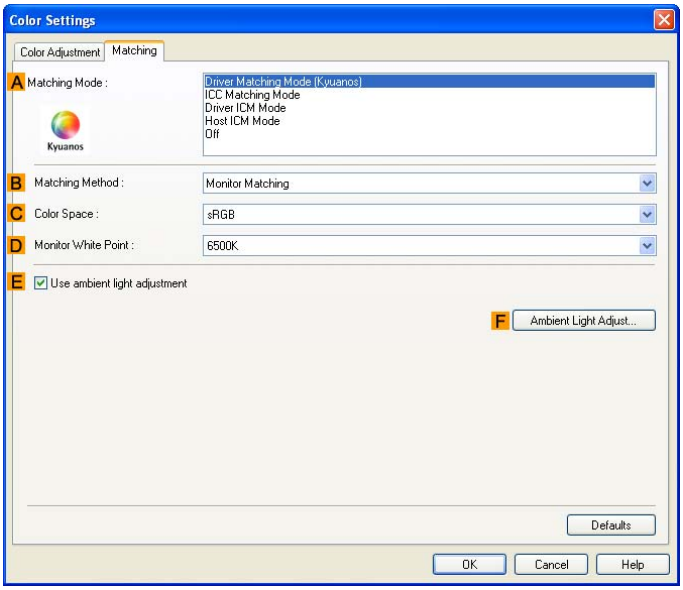
Important

- **Ambient Light Adjust** is only available when the **F** **Print Quality** is set to **Highest** or **High**.

7. Click **Color** in the **G** **Color Mode** list.

8. Click **H** **Color Settings** to display the **Color Settings** dialog box.

9. Click the **Matching** tab to display the **Matching** sheet.



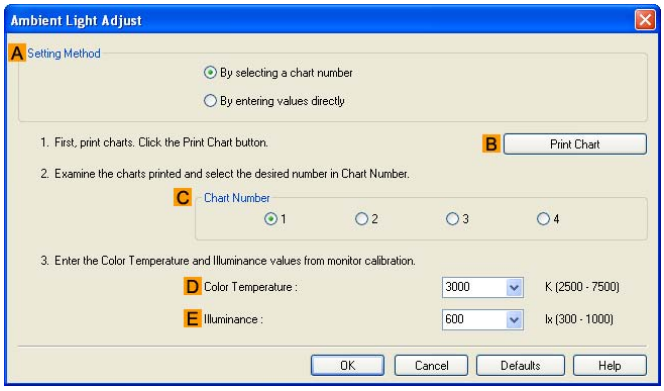
10. Make sure **Driver Matching Mode (Kyuanos)** is selected in **A Matching Mode**.

Note

- To specify monitor matching, select **Monitor Matching** in **B Matching Method**. In this case, select the same color space as when the file was opened in **C Color Space** and the monitor color temperature in **D Monitor White Point**.

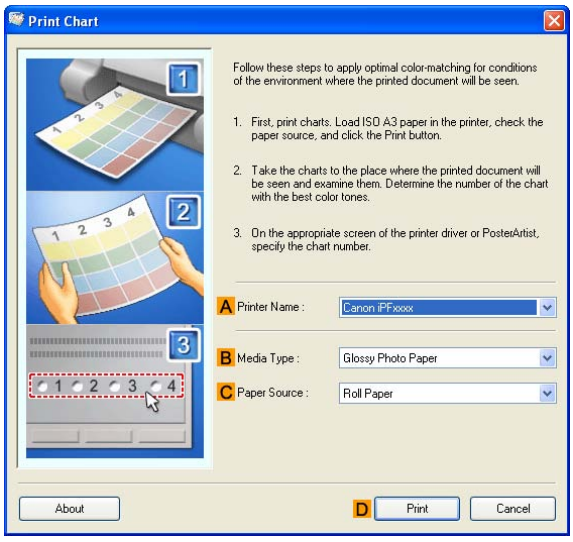
11. Select **E Use ambient light adjustment**.

12. Click **F Ambient Light Adjust** to display the **Ambient Light Adjust** dialog box.

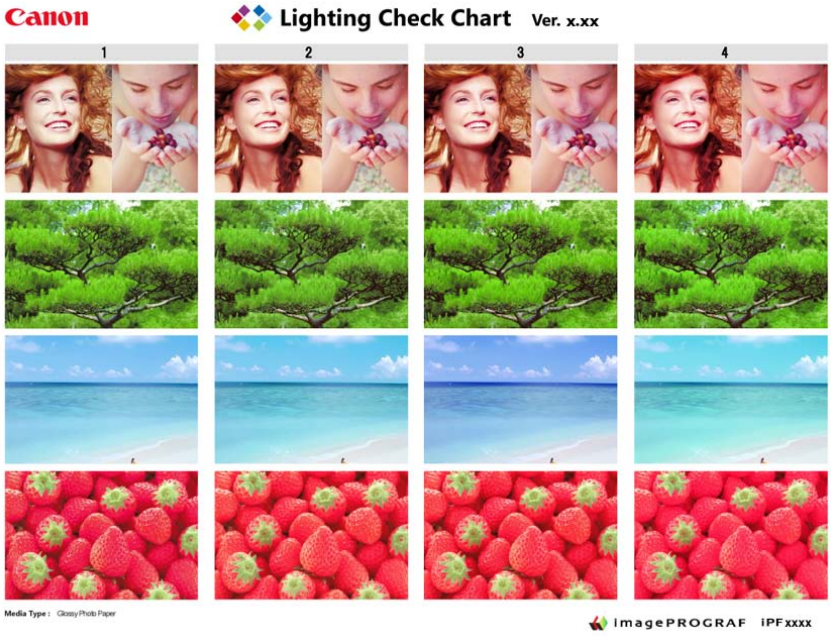


13. Confirm that **By selecting a chart number** is selected in **A Setting Method**.
If it is not selected already, select it.

14. Click **B Print Chart**.
Light Source Check Tool now starts up.



15. Check the settings and click **Print**.
The **Chart** is printed.

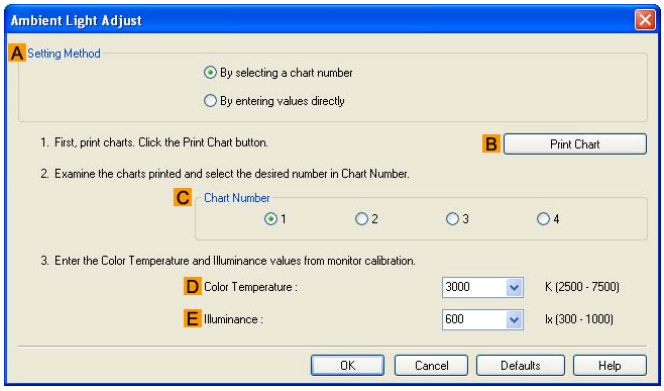


16. In the viewing environment, determine the number of the set of images on the **Chart** in which all four vertical images have the best overall color tone.

Note

- Choose the number of the set of images in which the people, the blue of the sky, and the red of the strawberries look the most natural overall.

17. In the **Ambient Light Adjust** dialog box, select the number of your preferred chart in **C Chart Number**.



18. If **Matching Method** is set to **Monitor Matching** on the **Matching** sheet, enter the **D Color Temperature** and **E Illuminance** as measured during monitor calibration.

19. Click **OK**.

20. Confirm the print settings and print as desired.

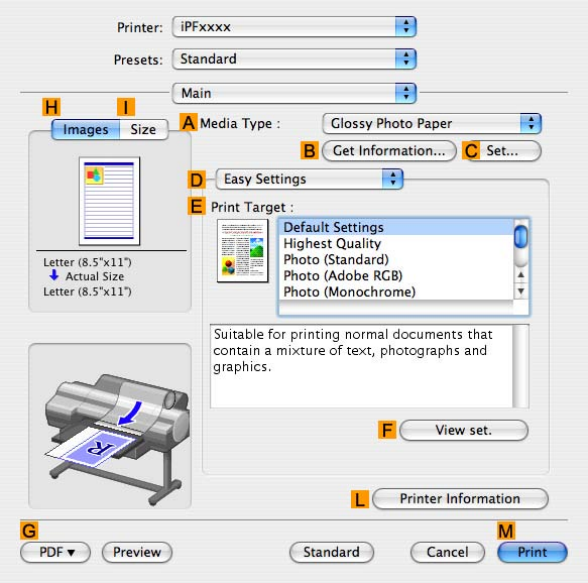
Selecting Color Tones on Charts Before Printing (Mac OS X)

Print **Charts**, note the number of the chart with your desired color tone, and enter this number in the printer driver before printing.

Important

- This function requires that the **Light Source Check Tool** be installed.
- You can install the **Light Source Check Tool** from the User Software CD-ROM.

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.440)
3. Make sure the **Main** panel is displayed.

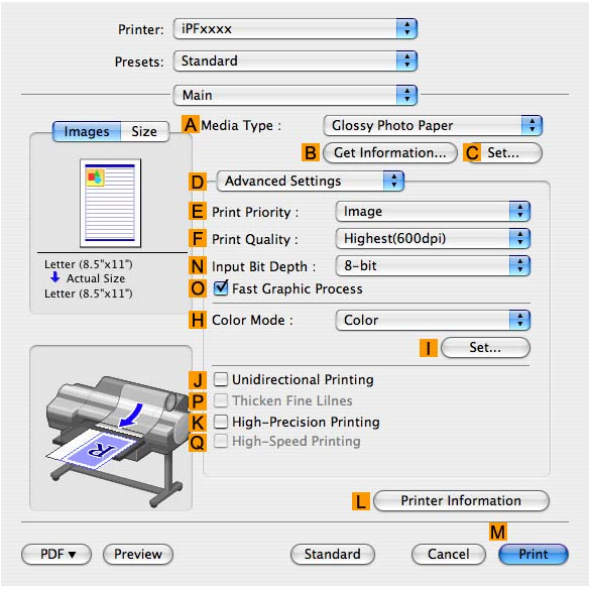


4. In the A **Media Type** list, select the type of paper that is loaded (for example, Glossy Photo Paper).

Important

- Ambient light matching may not be available, depending on the type of paper used. For more information, see the Paper Reference Guide. (→P.104)

5. Click D **Advanced Settings** to switch the print mode.

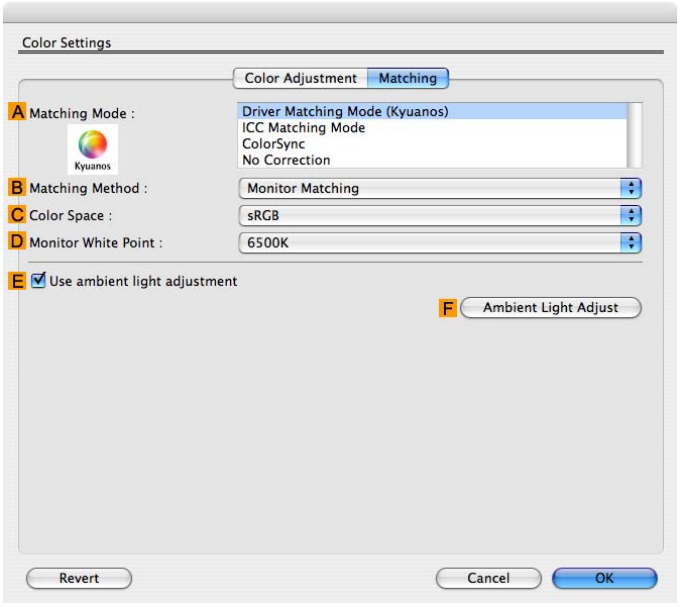


6. In F **Print Quality**, click **Highest** or **High**.

Important

- **Ambient Light Adjust** is only available when the F **Print Quality** is set to **Highest** or **High**.

7. Click **Color** in the H **Color Mode** list.
8. Click I **Set** to display the **Color Settings** dialog box.
9. Click the **Matching** tab to display the **Matching** panel.



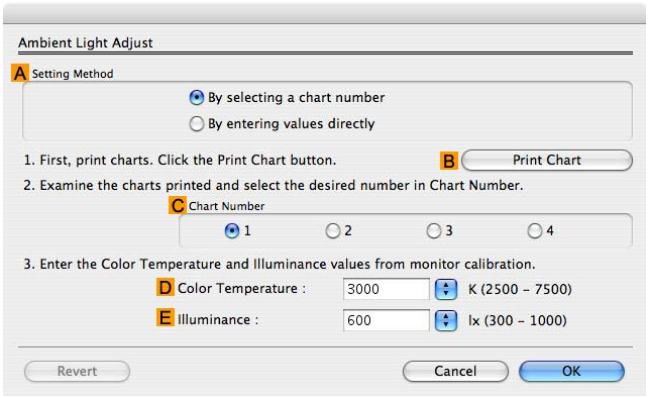
10. Make sure **Driver Matching Mode (Kyuanos)** is selected in **A Matching Mode**.

Note

- To specify monitor matching, select **Monitor Matching** in **B Matching Method** . In this case, select the same color space as when the file was opened in **C Color Space** and the monitor color temperature in **D Monitor White Point**.

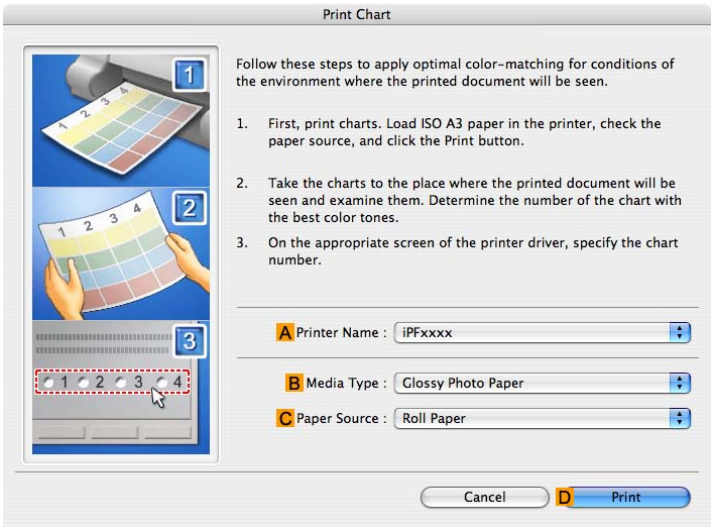
11. Select **E Use ambient light adjustment**.

12. Click **F Ambient Light Adjust** to display the **Ambient Light Adjust** dialog box.

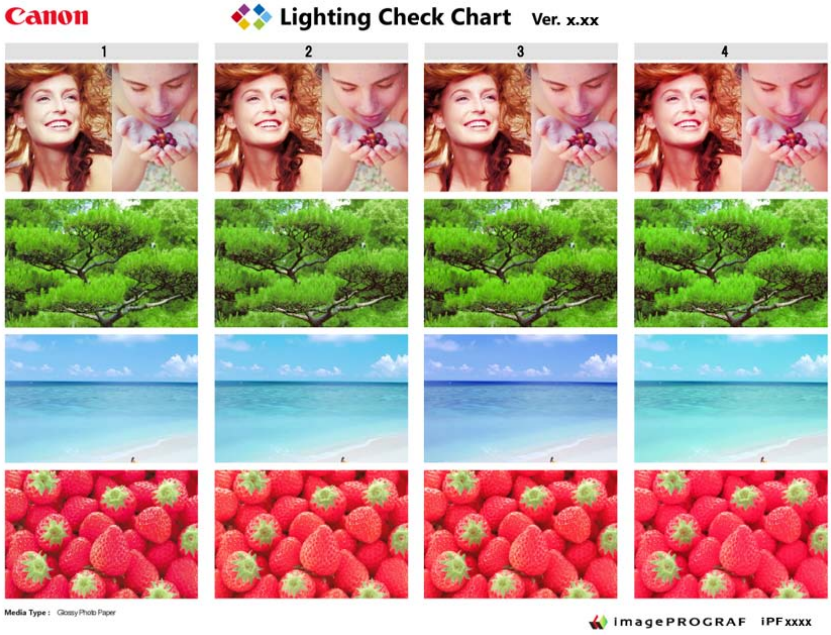


13. Confirm that **By selecting a chart number** is selected in **A Setting Method**.
If it is not selected already, select it.

14. Click **B Print Chart**.
Light Source Check Tool now starts up.



15. Check the settings and click **Print**.
The **Chart** is printed.

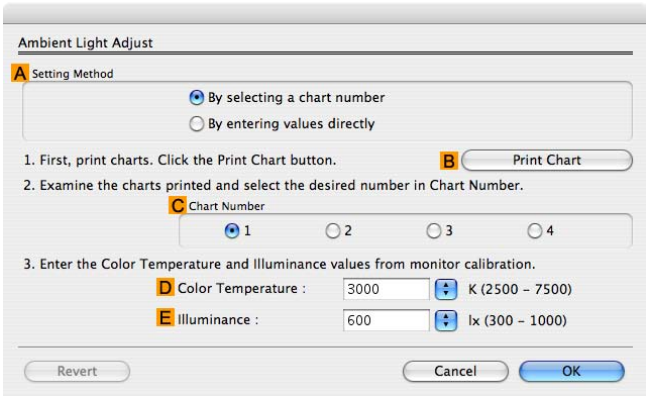


16. In the viewing environment, determine the number of the set of images on the **Chart** in which all four vertical images have the best overall color tone.

Note

- Choose the number of the set of images in which the people, the blue of the sky, and the red of the strawberries look the most natural overall.

17. In the **Ambient Light Adjust** dialog box, select the number of your preferred chart in **C Chart Number**.



18. If **Matching Method** is set to **Monitor Matching** on the **Matching** panel, enter the **D Color Temperature** and **E Illuminance** as measured during monitor calibration.

19. Click **OK**.

20. Confirm the print settings and print as desired.

Printing in Colors Matching the Measured Ambient Light (Windows)

Measure the light level in the viewing environment and enter the results in the printer driver before printing.

Important

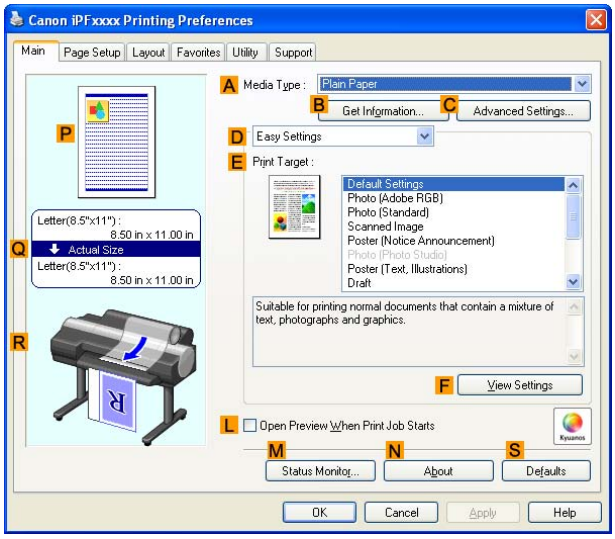
- This function requires the i1 spectrophotometer. The Light Source Measure Tool must also be installed.
- You can install the Light Source Measure Tool from the User Software CD-ROM.
- For a list of supported i1 devices, refer to the manual provided with the Light Source Measure Tool.

1. Using the i1 spectrophotometer and the Light Source Measure Tool, determine the **Lighting Source Type**, **Color Temperature**, and **Illuminance** in the viewing environment.

   Note

   - For detailed instructions on the i1 and Light Source Measure Tool, refer to the provided instructions.

2. Choose **Print** in the application menu.
3. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
4. Make sure the **Main** sheet is displayed.

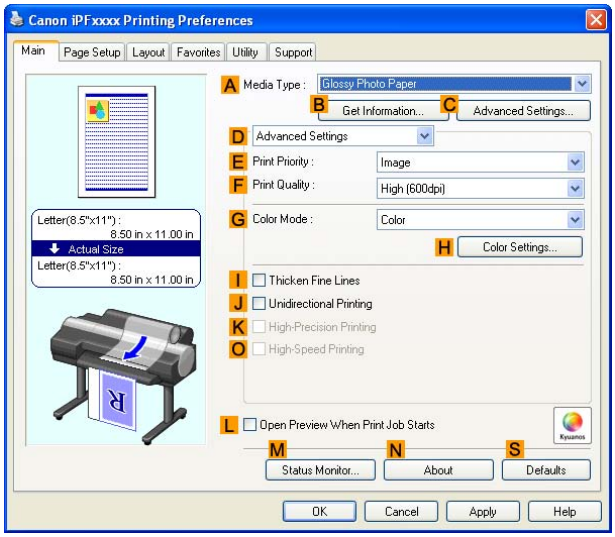


5. In the A **Media Type** list, select the type of paper that is loaded (for example, Glossy Photo Paper).

   Important

   - Ambient light matching may not be available, depending on the type of paper used. For more information, see the Paper Reference Guide. (→P.104)

6. Click D **Advanced Settings** to switch the print mode.

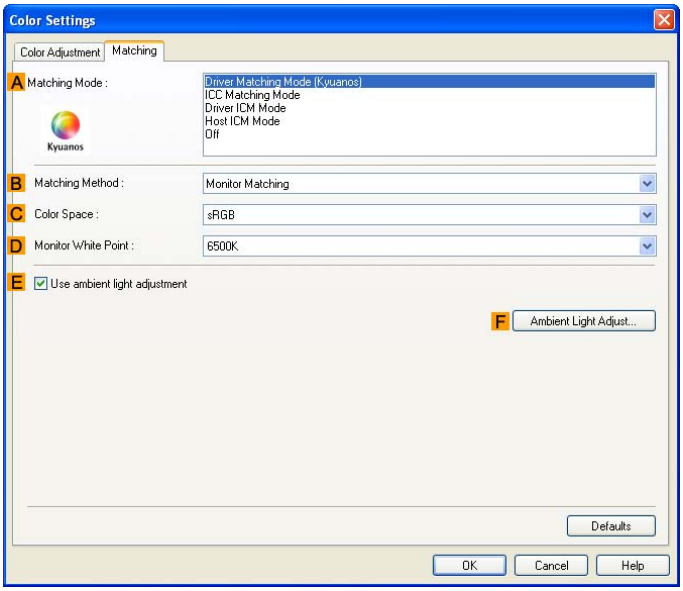


7. In F **Print Quality**, click **Highest** or **High**.

Important

- **Ambient Light Adjust** is only available when the F **Print Quality** is set to **Highest** or **High**.

8. Click **Color** in the G **Color Mode** list.
9. Click H **Color Settings** to display the **Color Settings** dialog box.
10. Click the **Matching** tab to display the **Matching** sheet.

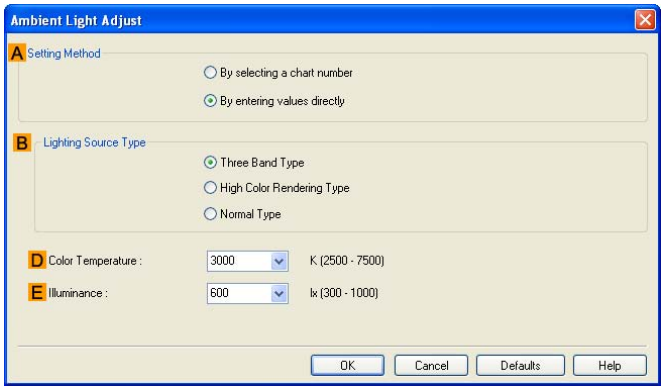


11. Make sure **Driver Matching Mode (Kyuanos)** is selected in A **Matching Mode**.

Note

- To specify monitor matching, select **Monitor Matching** in B **Matching Method**. In this case, select the same color space as when the file was opened in C **Color Space** and the monitor color temperature in D **Monitor White Point**.

12. Select **E Use ambient light adjustment**.
13. Click **F Ambient Light Adjust** to display the **Ambient Light Adjust** dialog box.



14. Select **By entering values directly** in **A Setting Method**.
15. Select the **B Lighting Source Type** and **D Color Temperature** determined in step 1.
    If you have selected **Monitor Matching** in **Matching Method** on the **Matching** sheet, also select **E Illuminance**.

Note

- If you will print repeatedly using the settings values you set this one time, we recommend completing the settings by accessing the printer driver dialog box from the operating system menu. (→P.392)

16. Click **OK**.
17. Confirm the print settings and print as desired.

Printing in Colors Matching the Measured Ambient Light (Mac OS X)

Measure the light level in the viewing environment and enter the results in the printer driver before printing.

Important

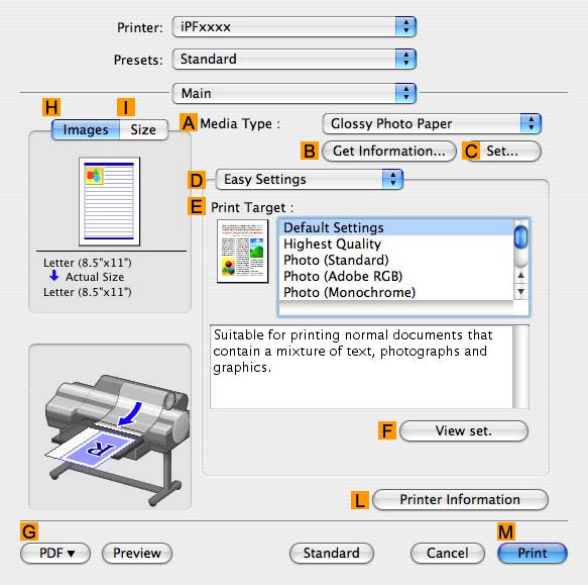
- This function requires the i1 spectrophotometer. The Light Source Measure Tool must also be installed.
- You can install the Light Source Measure Tool from the User Software CD-ROM.
- For a list of supported i1 devices, refer to the manual provided with the Light Source Measure Tool.

1. Using the i1 spectrophotometer and the Light Source Measure Tool, determine the **Lighting Source Type**, **Color Temperature**, and **Illuminance** in the viewing environment.

Note

- For detailed instructions on the i1 and Light Source Measure Tool, refer to the provided instructions.

2. Choose **Print** in the application menu.
3. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.440)
4. Make sure the **Main** panel is displayed.

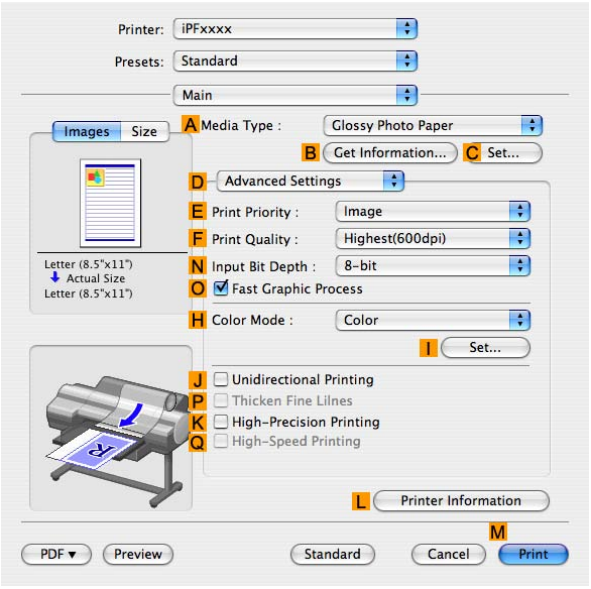


5. In the A **Media Type** list, select the type of paper that is loaded (for example, Glossy Photo Paper).

Important

- Ambient light matching may not be available, depending on the type of paper used. For more information, see the Paper Reference Guide. (→P.104)

6. Click D **Advanced Settings** to switch the print mode.

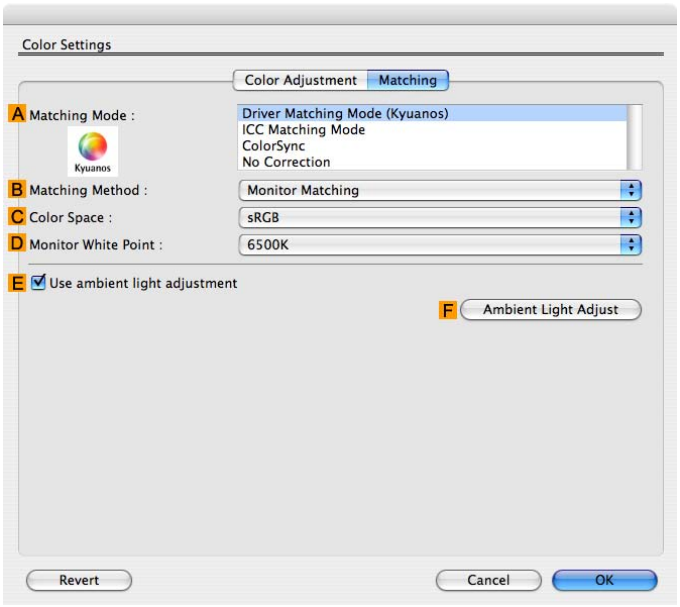


7. In F **Print Quality**, click **Highest** or **High**.

Important

- **Ambient Light Adjust** is only available when the F **Print Quality** is set to **Highest** or **High**.

8. Click **Color** in the H **Color Mode** list.
9. Click I **Set** to display the **Color Settings** dialog box.
10. Click the **Matching** tab to display the **Matching** panel.

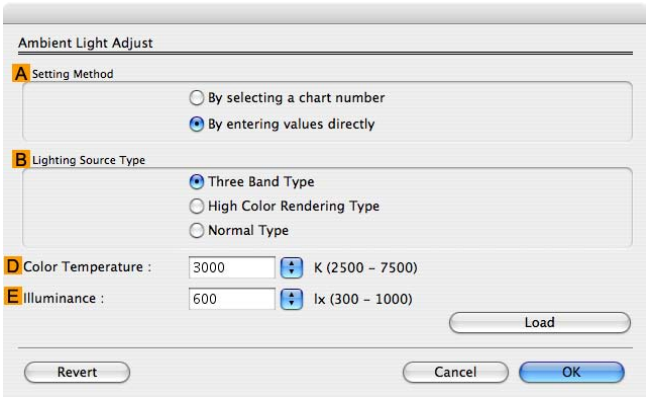


11. Make sure **Driver Matching Mode (Kyuanos)** is selected in A **Matching Mode**.

Note

- To specify monitor matching, select **Monitor Matching** in B **Matching Method** . In this case, select the same color space as when the file was opened in C **Color Space** and the monitor color temperature in D **Monitor White Point**.

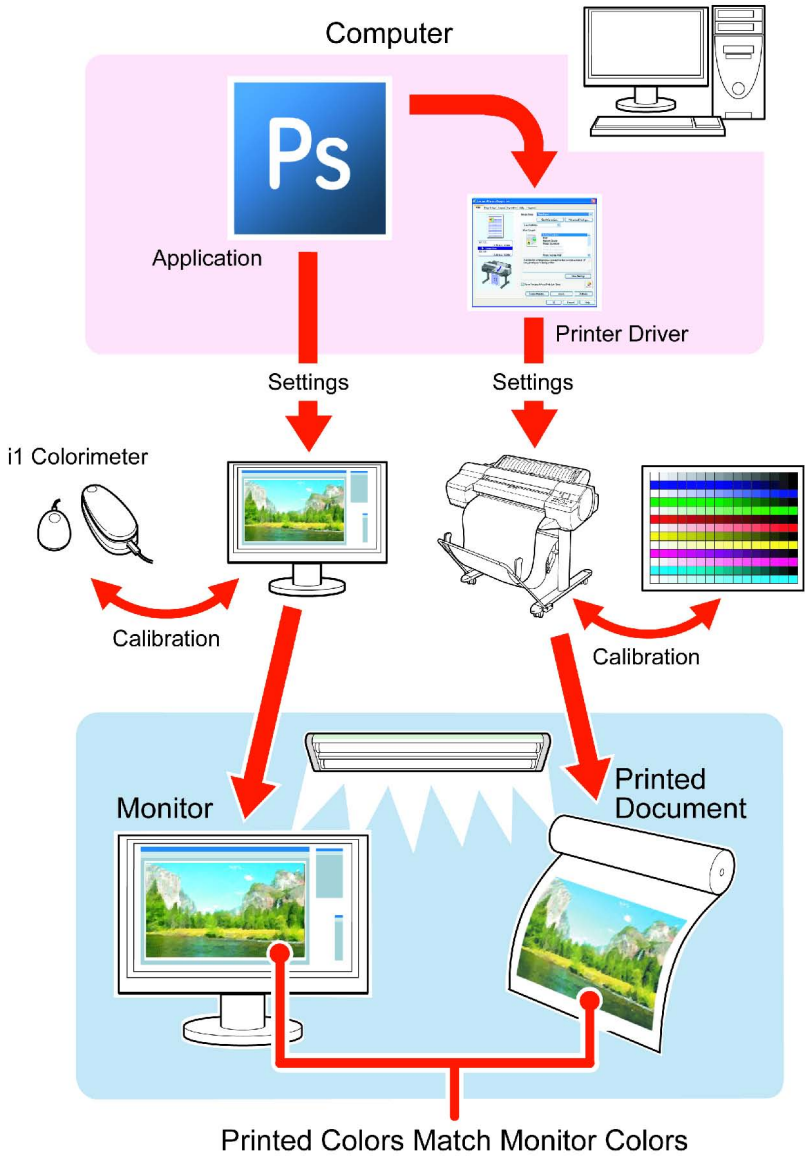
12. Select E **Use ambient light adjustment**.
13. Click F **Ambient Light Adjust** to display the **Ambient Light Adjust** dialog box.



14. Select **By entering values directly** in A **Setting Method**.
15. Select the B **Lighting Source Type** and D **Color Temperature** determined in step 1.
    If you have selected **Monitor Matching** in **Matching Method** on the **Matching** panel, also select E **Illuminance**.
16. Click **OK**.
17. Confirm the print settings and print as desired.

Printing Images to Match Monitor Colors

Adjusting the colors printed so that they more closely match the colors displayed on the monitor is called "monitor matching." Using this mode requires adjustment or configuration of the settings of your monitor, the source application, the file for printing, and the printer driver.



Important

- Monitor matching may not be applied, or these settings may not be configurable or adjustable, depending on your monitor and the source application.

Note

- Printing in exactly the same colors as displayed on the monitor may not be possible due to differences in the monitor and printer color gamuts.
- Calibrating your monitor requires a measuring device.
- Because colors appear different under sunlight at different times of day, we recommend following this procedure in a room not exposed to sunlight.

Monitor Matching

The sequence in monitor matching is as follows.

1. Calibrate the printer.
   Calibration improves color consistency by compensating for slight differences in how color appears due to individual variation among printheads or conditions in various printing environments.
   (→P.588)
2. Calibrate the monitor.
   Normally, you can use a colorimeter such as the i1-Display.
   Set the white point to 6500 K or 5000 K, the gamma to 2.2, and the brightness to 120 cd, and activate light source measurement.
   The exact procedure varies depending on your monitor and measurement device.
3. Open the file to print and configure settings in the source application.
   Display the file in the sRGB or Adobe RGB color space.
   Configure settings to prevent color conversion by the application.
   In Photoshop CS3, for example, select **Color Management** in the **Print** dialog box, and then select **No Color Management** in **Color Handling**.
4. Configure and adjust printer driver settings.
   Select **Monitor Matching** in **Matching Method**. Specify the **Monitor White Point** set during monitor calibration and the **Color Temperature** and **Illuminance** measured in the ambient light.
   In **Color Space**, select the color space used when displaying the file in the source application.
   If you own an i1-Pro, using Light Source Measure Tool enables more precision measurement of the ambient light.


Note

- If you will print repeatedly using the settings values you set this one time, we recommend completing the settings by accessing the printer driver dialog box from the operating system menu. (→P.392)

For instructions on configuring printer driver settings for monitor matching, refer to the following topic, as appropriate for your computer and operating system.

- Printing Images to Match Monitor Colors (Windows) (→P.608)
- Printing Images to Match Monitor Colors (Mac OS X) (→P.611)

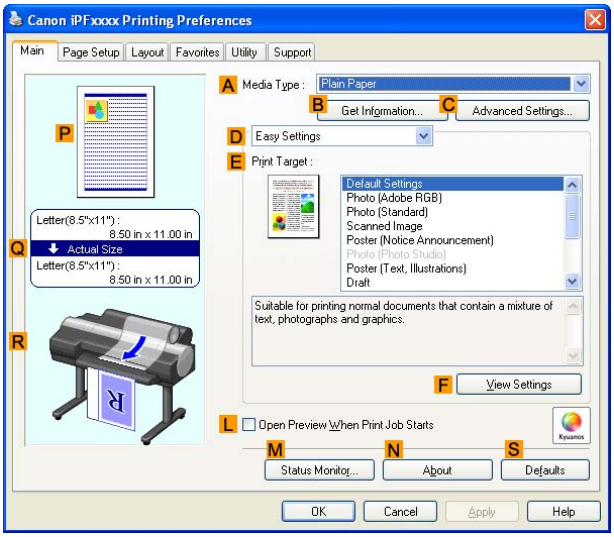
Printing Images to Match Monitor Colors (Windows)

By calibrating your monitor and configuring settings in the source application in advance, you can complete settings to print in colors that are as close as possible to the colors displayed on the monitor.

Important

- Before using this feature, you must calibrate the monitor and configure settings in the source application. (→P.375)

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.390)
3. Make sure the **Main** sheet is displayed.

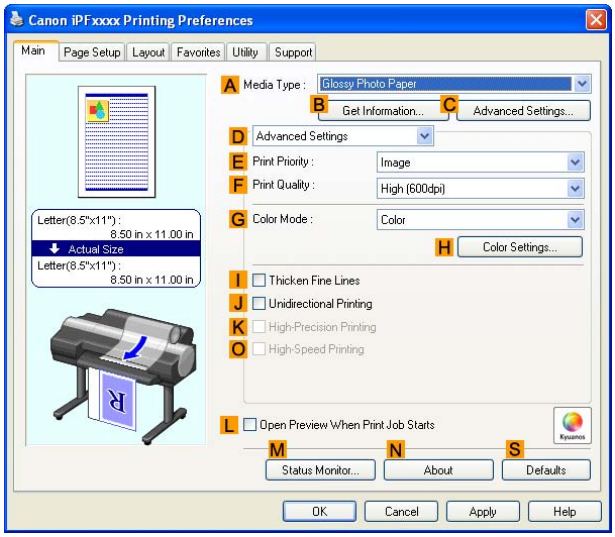


4. In the A **Media Type** list, select the type of paper that is loaded (for example, Glossy Photo Paper).

Important

- Ambient light matching may not be available, depending on the type of paper used. For more information, see the Paper Reference Guide. (→P.104)

5. Click D **Advanced Settings** to switch the print mode.

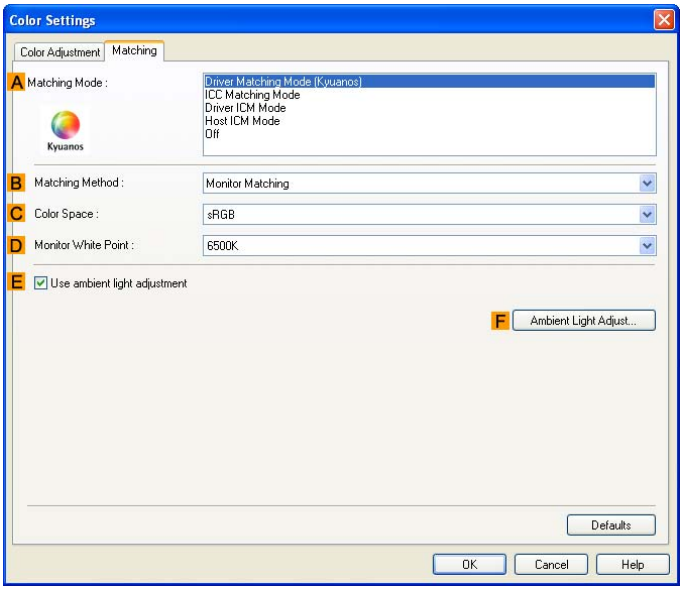


6. In F **Print Quality**, click **Highest** or **High**.

Important

- **Ambient Light Adjust** is only available when the F **Print Quality** is set to **Highest** or **High**.

7. Click **Color** in the G **Color Mode** list.
8. Click H **Color Settings** to display the **Color Settings** dialog box.
9. Click the **Matching** tab to display the **Matching** sheet.



10. Make sure **Driver Matching Mode (Kyuanos)** is selected in A **Matching Mode**.
11. In **Matching Method**, select **Monitor Matching**.
12. In **Color Space**, select the color space used when displaying the file in the source application.

13. In **Monitor White Point**, select the white point set on the monitor.


Note

- For greater precision in monitor matching, we recommend configuring the settings for ambient light matching. (→P.367)

14. Click **OK**.
15. Confirm the print settings and print as desired.

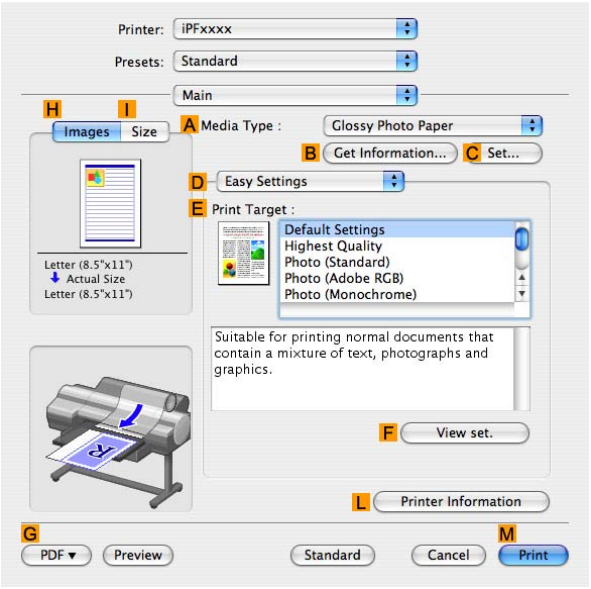
Printing Images to Match Monitor Colors (Mac OS X)

By calibrating your monitor and configuring settings in the source application in advance, you can complete settings to print in colors that are as close as possible to the colors displayed on the monitor.

Important

- Before using this feature, you must calibrate the monitor and configure settings in the source application. (→P.375)

1. Choose **Print** in the application menu.
2. Select the printer in the dialog box, and then display the printer driver dialog box. (→P.440)
3. Make sure the **Main** panel is displayed.

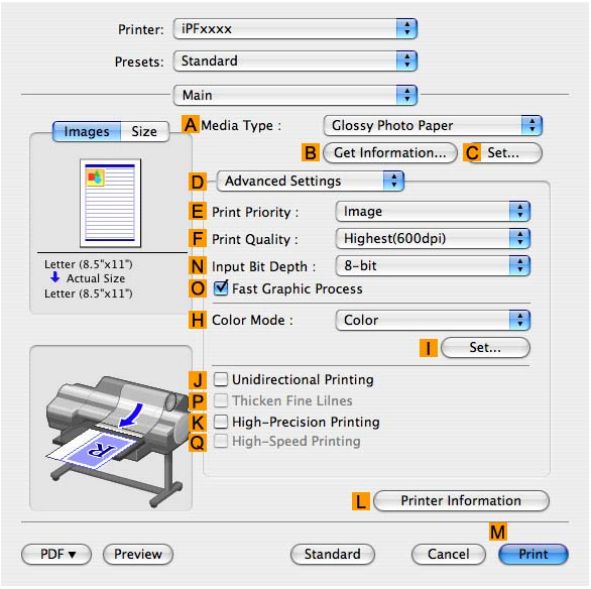


4. In the A **Media Type** list, select the type of paper that is loaded (for example, Glossy Photo Paper).

Important

- Ambient light matching may not be available, depending on the type of paper used. For more information, see the Paper Reference Guide. (→P.104)

5. Click D **Advanced Settings** to switch the print mode.

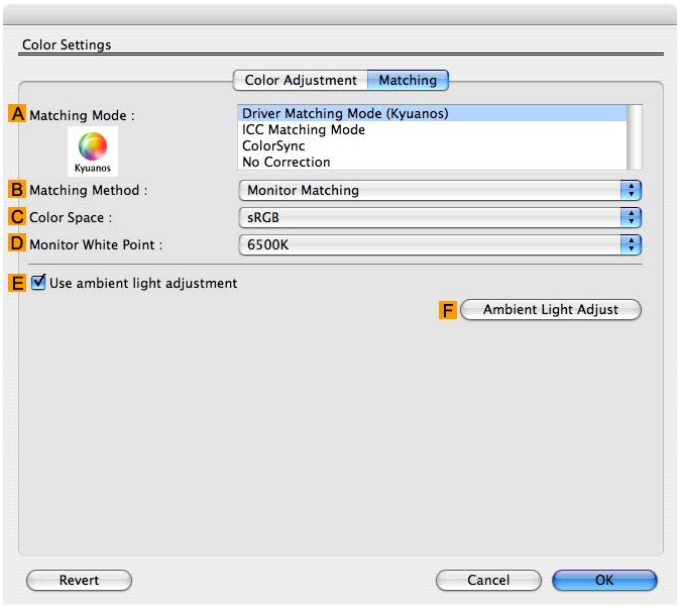


6. In F **Print Quality**, click **Highest** or **High**.

Important

- **Ambient Light Adjust** is only available when the F **Print Quality** is set to **Highest** or **High**.

7. Click **Color** in the H **Color Mode** list.
8. Click I **Set** to display the **Color Settings** dialog box.
9. Click the **Matching** tab to display the **Matching** panel.



10. Make sure **Driver Matching Mode (Kyuanos)** is selected in A **Matching Mode**.
11. In B **Matching Method** , select **Monitor Matching**.
12. In C **Color Space**, select the color space used when displaying the file in the source application.

13. In D **Monitor White Point**, select the white point set on the monitor.

Note

- For greater precision in monitor matching, we recommend configuring the settings for ambient light matching. (→P.367)

14. Click **OK**.

15. Confirm the print settings and print as desired.

Maintenance

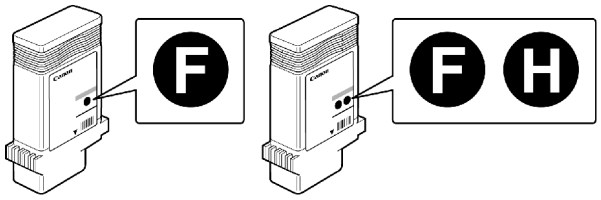
Ink Tanks

Ink Tanks

Ink Tanks that can be used in the printer is labeled with a white letter “F” in a black circle on the side. When purchasing Ink Tanks, make sure an “F” is printed on the label, along with the following Ink Tank part numbers.

- Y Ink Tank PFI-101Y
- PC Ink Tank PFI-101PC
- C Ink Tank PFI-101C
- GY Ink Tank PFI-101GY
- BK Ink Tank PFI-101BK
- PM Ink Tank PFI-101PM
- M Ink Tank PFI-101M
- MBK Ink Tank PFI-101MBK

130 ml (4.4 fl oz) per color



Note

- For instructions on Ink Tank replacement, see “Replacing Ink Tanks”. (→P.615)

Replacing Ink Tanks

Compatible ink tanks

Ink tanks that can be used in the printer is labeled with a white letter “F” in a black circle on the side. Request ink tanks with the same label when you purchase new ones. For details, see “Ink Tanks”. (→P.614)

Precautions when handling ink tanks

Take the following precautions when handling ink tanks.

Caution

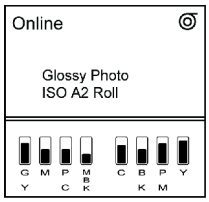
- For safety, keep ink tanks out of the reach of children.
- If ink is accidentally ingested, contact a physician immediately.
- Do not remove and agitate ink tanks that have already been installed in the printer. Ink may leak out.
- Avoid dropping the Ink Tank after removing it from the pouch. Otherwise, ink may leak and cause stains.
- There may be ink around the ink supply section of ink tanks you remove. Handle ink tanks carefully during replacement. The ink may stain clothing.

Important

- When it is time to install ink tanks, before opening the pouch tilt the tank to the left and right gently seven or eight times. If you do not agitate the Ink Tank, the ink may sediment, which may affect printing quality.
- We recommend using up an Ink Tank in the course of printing within six months after breaking the seal. Printing quality may be affected if you use older ink tanks.
- Do not leave the printer without ink tanks installed for extended periods (a month or more). Residual ink may become clogged inside the printer and affect printing quality.
- If you pause printing to replace an ink tank, it may cause uneven colors in the printed image.

Replacing ink tanks

1. Make sure no print jobs are in progress.
   You can replace ink tanks if the Display Screen indicates the printer is **Online** or **Offline**, or if messages advise you to check the amount of ink left or replace an Ink Tank.



   If a message requests you to replace an Ink Tank, press the **OK** button. Go to step 5 and remove the Ink Tank.

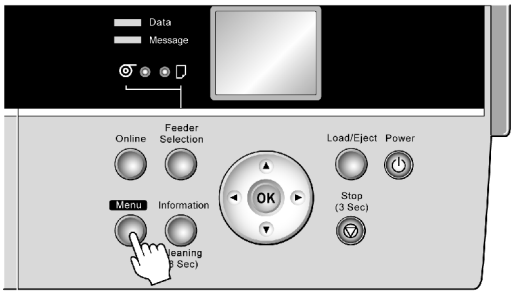


   Do not remove an Ink Tank during initialization immediately after turning on the printer, during printing, or during printhead cleaning.

   Note

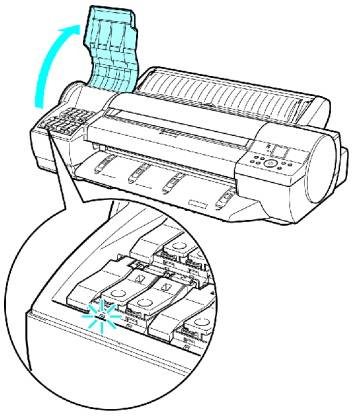
   - Ink Tank replacement is possible even when print jobs are being canceled or if paper is being advanced.

2. Press the **Menu** button to display **MAIN MENU**.

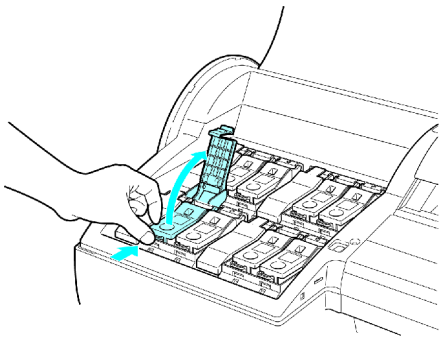


3. Press ▲ or ▼ to select **Rep. Ink Tank**, and then press the ► button.

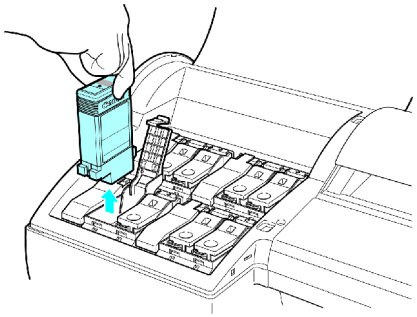
4. Press ▲ or ▼ to select **Yes**, and then press the **OK** button.
   A message on the Display Screen requests you to open the Ink Tank Cover. Remove the Ink Tank at this point.
5. Open the Ink Tank Cover and check the Ink Lamp.
   The Ink Lamp flashes quickly if there is no ink left.



6. Press the tip of the Ink Tank Lock Lever of the color for replacement and pull the Ink Tank Lock Lever up to open it.

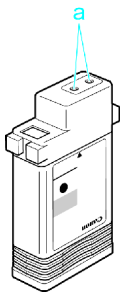


7. Hold the Ink Tank by the grips and remove it. Press the **OK** button.



Caution

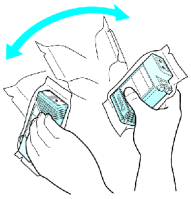
- If there is still ink in the Ink Tank you removed, store it with the ink holes (a) facing up. Otherwise, ink may leak and cause stains. Put the Ink Tank in a plastic bag and seal it.



Note

- Dispose of used ink tanks in accordance with local regulations.

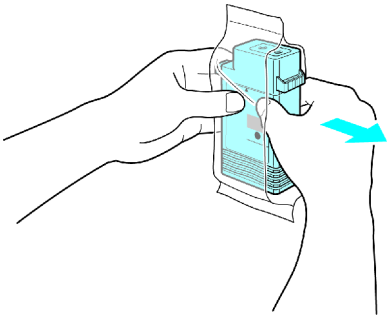
8. Before opening the pouch, gently shake the Ink Tank seven or eight times. Agitate the ink in the Ink Tank by slowly rotating the Ink Tank upside-down and right side up repeatedly.



Important

- If you do not agitate the Ink Tank, the ink may sediment, which may affect printing quality.

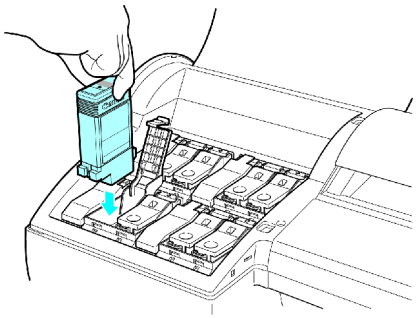
9. Open the pouch and remove the Ink Tank.



Caution

- Never touch the ink holes or electrical contacts. This may cause stains, damage the Ink Tank, and affect printing quality.
- Avoid dropping the Ink Tank after removing it from the pouch. Otherwise, ink may leak and cause stains.
- Do not remove and agitate ink tanks that have already been installed in the printer. Ink may leak out.

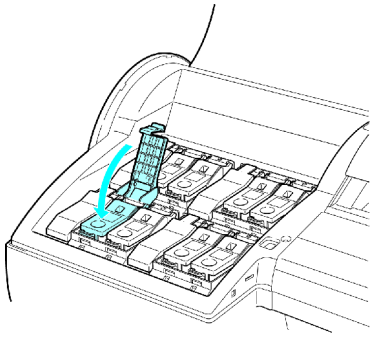
10. Press the **OK** button and insert the Ink Tank into the holder facing as shown, with the ink holes down.



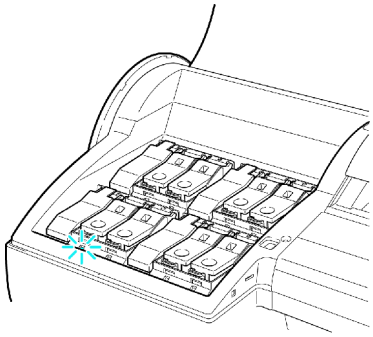
Important

- Ink tanks cannot be loaded in the holder if the color or orientation is incorrect.
  If the Ink Tank does not fit in the holder, do not force it into the holder. Make sure the color of the Ink Tank Lock Lever matches the color of the Ink Tank, and check the orientation of the Ink Tank before reloading it.

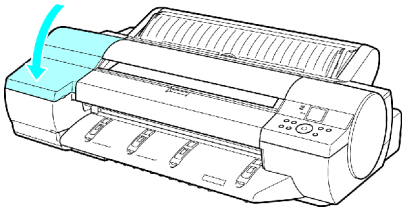
11. Push the Ink Tank Lock Lever closed until it clicks into place.



12. Make sure the Ink Lamp is lit in red.



13. Close the Ink Tank Cover.

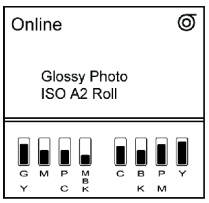


The printer returns to the mode before replacement of the Ink Tank.

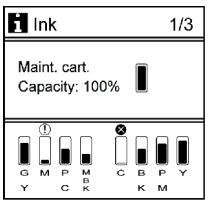
Checking Ink Tank Levels

On the Display Screen, you can check how much ink is left in the Ink Tank.

The Display Screen indicates the remaining ink levels, unless a message is displayed.



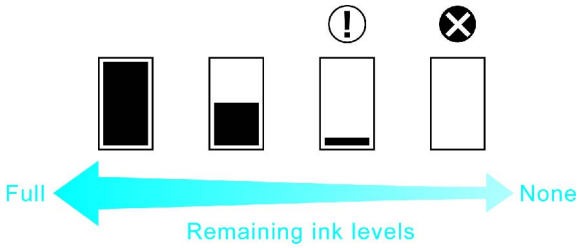
During messages, press the **Information** button to view the ink levels on the Display Screen.



These levels shown on the Display Screen correspond to the inks identified by the Color Label on the bottom of the Display Screen.

These symbols may be displayed above the ink level: “!” if ink is low, “×” if no ink is left, and “?” if you have deactivated ink level detection.

The remaining ink level is indicated as shown below.



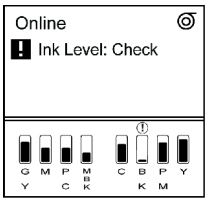
If the Display Screen indicates to replace the Ink Tank, replace the Ink Tank. If a message is displayed indicating to check the remaining ink levels, or after tasks that consume a lot of ink such as large-format printing or head cleaning, check the remaining levels and replace Ink Tank as needed. (→P.615)

When to Replace Ink Tanks

Replace or prepare to replace Ink Tanks in the following situations.

If a message for checking the ink is shown on the Display Screen

When there is little ink left, the Message lamp is lit and **Ink Level: Check** is shown on the Display Screen. You can continue to print, but prepare to replace the Ink Tank. (→P.621)



Before print jobs and maintenance that consume a lot of ink

If little ink is left, there may not be enough for large-format printing, head cleaning, and maintenance, which consume much ink. In this case, replace or prepare to replace the Ink Tank before maintenance.



If a message for ink replacement is shown on the Display Screen

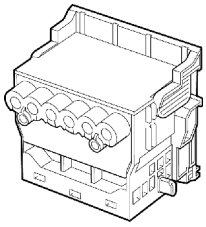
When ink runs out, the Message lamp flashes, a message regarding Ink Tank replacement is shown on the Display Screen, and printing is disabled. Replace the Ink Tank at this point.



Printheads

Printhead

- Printhead PF-03



Note

- For instructions on replacing the Printhead, see “Replacing the Printhead”. (→P.626)

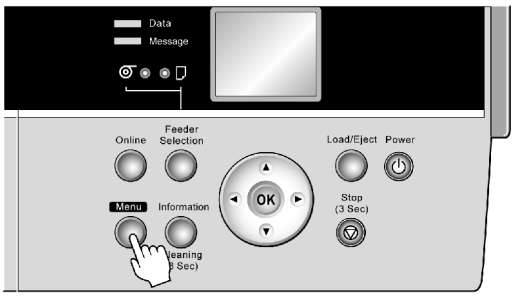
Checking for Nozzle Clogging

If printing is faint or streaked in different colors, make sure the Printhead nozzles are clear by printing a test pattern to check the nozzles.

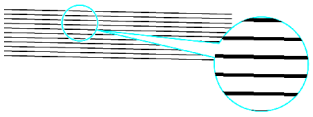
Note

- You can specify a number of pages in the printer's **Noz. Check Freq.** menu for automatic nozzle checking every time you finish printing that quantity. (→P.55)

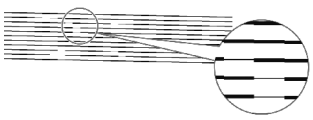
1. Load unused paper.
   - Loading Rolls on the Roll Holder (→P.115)
   - Loading Rolls in the Roll Feed Unit (→P.117)
   - Loading Rolls in the Printer (→P.118)
   - Loading Sheets Manually (→P.148)
2. Press the **Menu** button to display **MAIN MENU**.



3. Press ▲ or ▼ to select **Test Print**, and then press the ► button.
4. Press ▲ or ▼ to select **Nozzle Check**, and then press the ► button.
5. Press ▲ or ▼ to select **Yes**, and then press the **OK** button.
   The printer goes online and prints a test pattern.
6. Check the printing results.
   If the horizontal lines are not faint or incomplete, the nozzles are clear.



   If some sections of the horizontal lines are faint or incomplete, the nozzles for those colors are clogged.



   If horizontal lines are faint or incomplete, follow the steps below and check again for nozzle clogging.
   1. Clean the Printhead. (→P.625)
   2. Print a test pattern to check the nozzles.

Note

- If you repeat these steps several times but the horizontal lines are still faint or incomplete, contact your Canon dealer.

Cleaning the Printhead

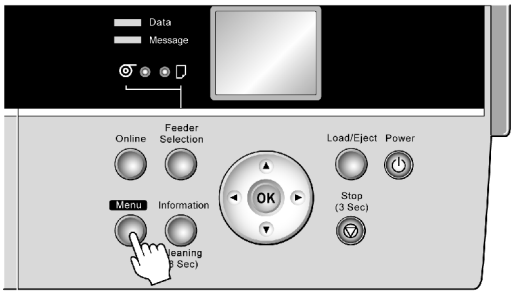
Cleaning the Printhead may help clear nozzles that are clogged.

Note

- You can specify a number of pages in the printer's **Noz. Check Freq.** menu for automatic nozzle checking and cleaning every time you finish printing that quantity. (→P.55)
- You can start **Head Cleaning A** by holding down the **Information** button for three seconds or more.
- If POP Board (paper thickness 1.5 mm [0.06 in]) is loaded in Front Paper Feed Slot, printhead cleaning will not work correctly. Remove the paper before cleaning.

Cleaning the Printhead

1. Press the **Menu** button to display **MAIN MENU**.



2. Press ▲ or ▼ to select **Head Cleaning**, and then press the ► button.
3. Press ▲ or ▼ to select the type of cleaning, and then press the **OK** button.
   - **Head Cleaning A**

     Use **Head Cleaning A** if printing is faint or contains foreign substances. This method of cleaning consumes the least amount of ink. It takes about six minutes to complete.
   - **Head Cleaning B**

     Use **Head Cleaning B** if no ink comes out of the printhead, or if **Head Cleaning A** does not solve the problem. It takes about seven minutes to complete.

   The printhead is cleaned, and the printer goes online.
4. Print a test pattern to check the nozzles, and determine whether cleaning has cleared the nozzles. (→P.624)

Important

- If printing does not improve after **Head Cleaning A**, try **Head Cleaning B**. If this does not solve the problem, repeat **Head Cleaning B** one or two times. If this still does not improve printing, the Printhead may have reached the end of its useful life. Contact your Canon dealer.
- Do not remove the Maintenance Cartridge or ink tanks during cleaning.

Replacing the Printhead

When to replace the Printhead

This printer is equipped with two Printheads.
Replace one or both Printheads in the following situations.

- If the printing quality does not improve even after one or two cycles of **Head Cleaning B** from the printer menu
  Replace both Printheads, one at a time.
- If the Display Screen indicates **Open top cover and replace the left printhead.**
  Replace the left Printhead.
- If the Display Screen indicates **Open top cover and replace the right printhead.**
  Replace the right Printhead.
- If your Canon dealer has advised you to replace the Printhead
  Replace the Printhead that your dealer advised you to replace.

Compatible Printheads

For information on compatible Printheads, see “Printhead”. (→P.623)

Precautions when handling the Printhead

Take the following precautions when handling the Printhead.

Caution

- For safety, keep the Printhead out of the reach of children.
- If ink is accidentally ingested, contact a physician immediately.
- Do not touch the Printhead immediately after printing. The Printhead becomes extremely hot, and there is a risk of burns.

Important

- Avoid dropping or shaking the Printhead. Otherwise, ink may leak and cause stains.
- There may be ink around the nozzles of the Printhead you remove. Handle the Printhead carefully during replacement. The ink may stain clothing.
- Do not open the Printhead pouch until immediately before installation. After removing the Printhead from the pouch, install it right away. If the Printhead is left after the pouch is opened, the nozzles may dry out, which may affect printing quality.
- If you need to put a Printhead somewhere temporarily before installation, do not keep the nozzles and metal contacts (→P.630) facing down. If the nozzles or metal contacts are damaged, it may affect the printing quality.
- Never attempt to take apart or modify a Printhead. This may damage the printer.
- Never touch the Printhead nozzles or metal contacts. This may cause printing problems.

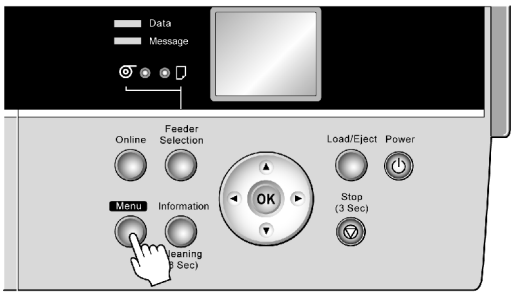
Replacing the Printhead

Follow the steps below to replace the Printhead. Failure to follow this procedure may cause ink to leak from the Printhead, resulting in stains.

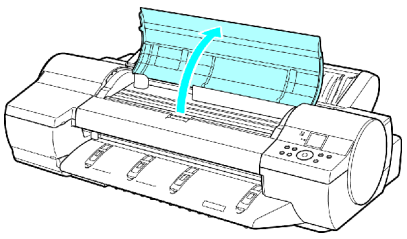
Note

- Prepare a new Ink Tank when ink levels are low.
- Your hands may become dirty during Printhead replacement. Use the gloves provided with the new Printhead for replacement.
- Choose **On** in **Auto Print** to have the printer automatically adjust the Printhead alignment after replacement of the Printhead. (→P.55)

1. If the roll is not ejected because of the cutting method selected, cut it manually and remove it. (→P.363)
2. Clean inside the Top Cover. (→P.641)
3. Press the **Menu** button to display **MAIN MENU**.

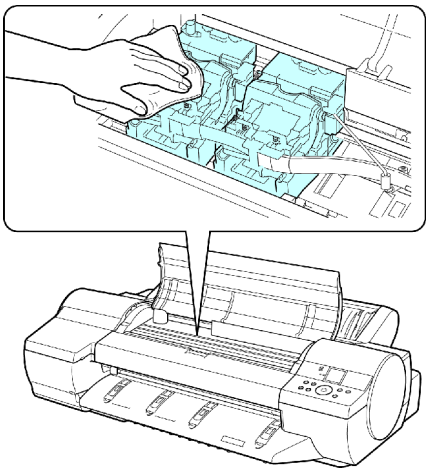


4. Press ▲ or ▼ to select **Maintenance**, and then press the ► button.
5. Press ▲ or ▼ to select **Replace P.head**, and then press the ► button.
6. Press ▲ or ▼ to select the Printhead for replacement, and then press the ► button.
7. Press ▲ or ▼ to select **Yes**, and then press the **OK** button.
   Select **Printhead L** to replace the Printhead L or select **Printhead R** to replace the Printhead R. Be sure to specify the correct Printhead.
   Ink is now filled.
   After about two minutes, a message is shown on the Display Screen instructing you to open the Top Cover.
8. Open the Top Cover.



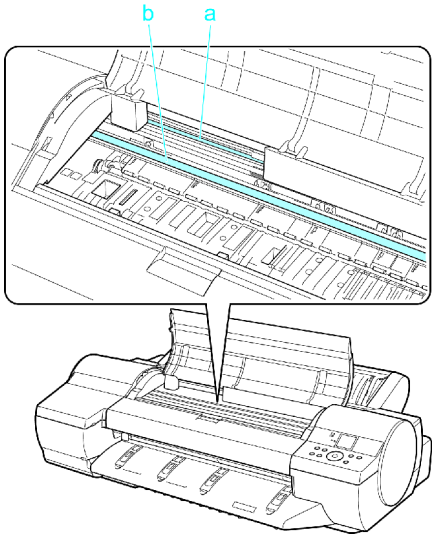
Instructions are now shown on the Display Screen regarding Printhead replacement.

9. If the Printhead Fixer Cover or Printhead Fixer Lever is dirty, use a damp cloth that you have wrung out completely to wipe it clean.



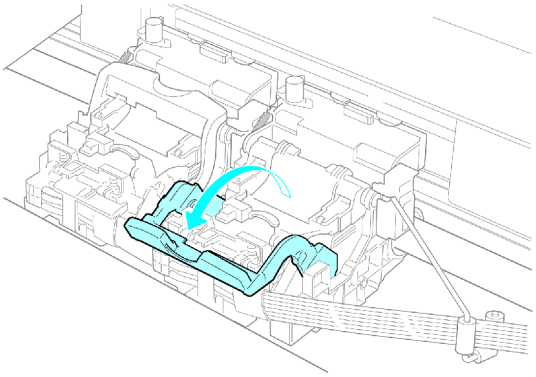
Important

- Do not touch the Linear Scale (a) or Carriage Shaft (b).

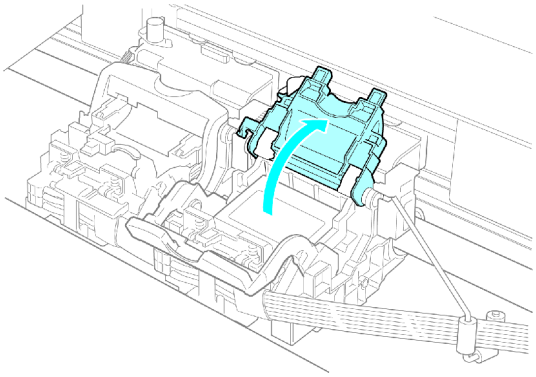


- Never touch the metal contacts of the Carriage. This may damage the printer.

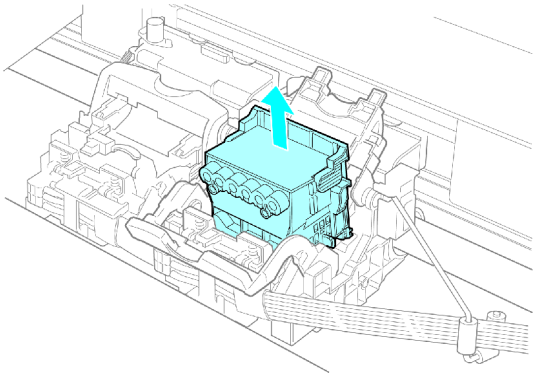
10. Pull the Printhead Fixer Lever forward all the way to open it completely.



11. Pull up the Printhead Fixer Cover to open it completely.



12. Remove the used Printhead.



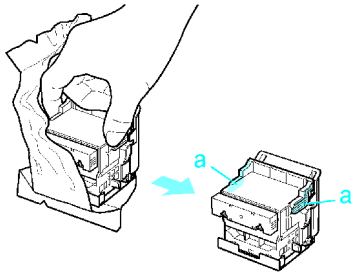
Caution

- When replacing the Printhead immediately after printing, wait a few minutes before replacing it. The metal parts of the Printhead become hot during printing, and there is a risk of burns from touching these parts.

Note

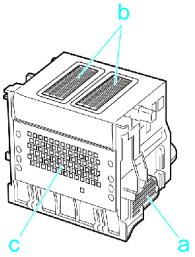
- Dispose of the used Printhead in accordance with local regulations.

13. Holding the new Printhead by the grips (a), remove it from the case.

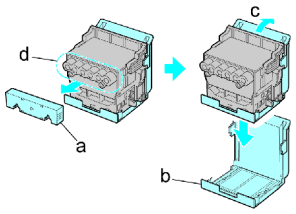


Important

- When handling the Printhead, always hold it by the grips (a). Never touch the nozzles (b) or metal contacts (c). This may damage the Printhead and affect printing quality.



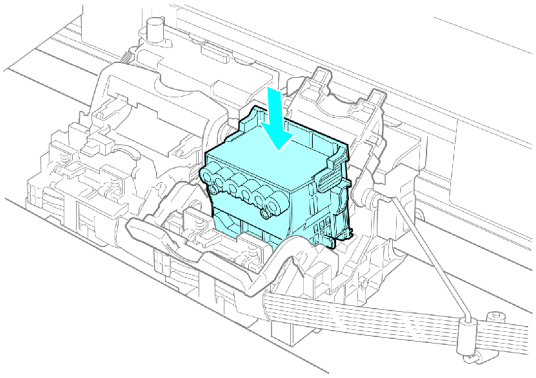
14. While firmly holding the Printhead you have removed, use your other hand to remove the orange Safety Cap 1 (a). Squeeze the grips (c) of Safety Cap 2 (b) and pull it down to remove it.



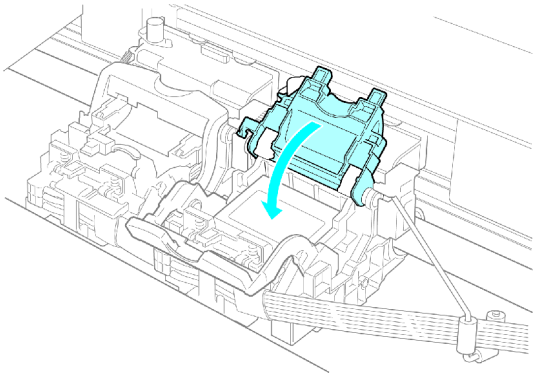
Important

- Safety Cap 1 (a) may be coated with ink to protect the Printhead. Be careful not to touch areas other than the grips.
- Never touch the ink supply section (d). This may cause printing problems.
- The inside surface of Safety Cap 2 (b) is coated with ink to protect the nozzles. Handle it carefully to avoid touching the nozzles or spilling ink. Spilled ink may cause stains. The Printhead contains ink to protect the nozzles. If this ink is accidentally spilled, it may stain the printer or surrounding area. We recommend removing the Safety Cap 2 (b) on top of the Printhead package or safely out of the way. Wipe off any spilled ink with a dry cloth. This ink is non-toxic.
- Do not reattach the Safety Cap or protective material. Dispose of these materials in accordance with local regulations.

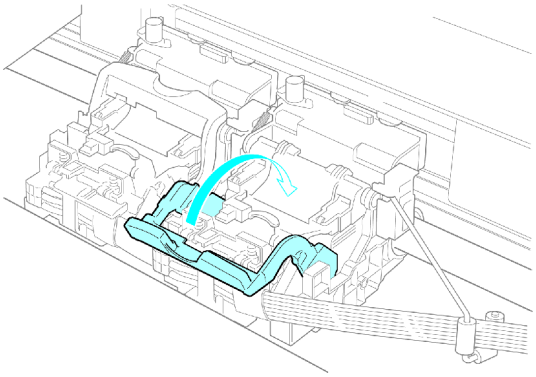
15. With the nozzles facing down and the metal contacts toward the back, insert the Printhead into the Carriage. Carefully push the printhead firmly into the Carriage, ensuring that the nozzles and metal contacts do not touch the carriage.



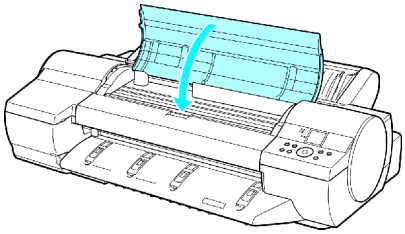
16. Pull the Printhead Fixer Cover down toward the front to lock the Printhead in place.



17. Push the Printhead Fixer Lever toward the back of the printer until it clicks.



18. Close the Top Cover.



Ink now fills the system.

After about 11 minutes, the Printhead will be automatically aligned, and the printer will go online.

If no paper has been loaded, a message is displayed requesting you to load paper.

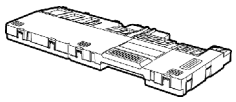
Important

- Never remove an Ink Tank while the system is filling with ink.
- If **Auto Print** is **Off** in the printer menu, the Printhead alignment will not be adjusted. In this case, adjust the alignment after Printhead replacement by accessing **Advanced Adj.** in **Auto Head Adj.**. (→P.571)

Maintenance Cartridge

Maintenance Cartridge

- Maintenance Cartridge MC-16



Note

- For instructions on replacing the Maintenance Cartridge, see “Replacing the Maintenance Cartridge”. (→P.633)

Replacing the Maintenance Cartridge

Compatible Maintenance Cartridges

For information on compatible Maintenance Cartridges, see “Maintenance Cartridge”. (→P.633)

Precautions when handling the Maintenance Cartridge

Take the following precautions when handling the Maintenance Cartridge.

Caution

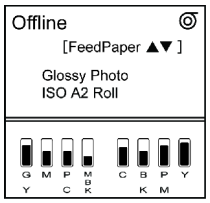
- For safety, keep the Maintenance Cartridge out of the reach of children.
- If ink is accidentally ingested, contact a physician immediately.

Important

- Do not remove the Maintenance Cartridge except to replace it.
- To prevent ink from leaking from a used Maintenance Cartridge, avoid dropping the cartridge or storing it at an angle. Otherwise, ink may leak and cause stains.
- Ink adheres to the top of the Maintenance Cartridge after it has been used. Handle the Maintenance Cartridge carefully during replacement. The ink may stain clothing.
- Do not install a used Maintenance Cartridge in another printer.

Replacing the Maintenance Cartridge

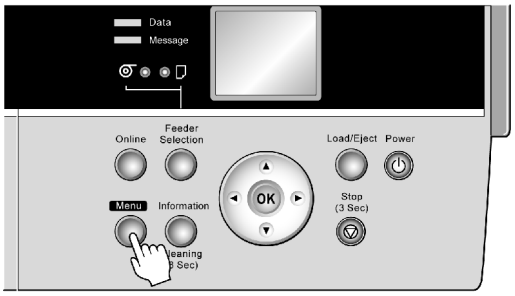
1. Make sure no print jobs are in progress.
   You can replace the Maintenance Cartridge if the Display Screen indicates the printer is **Offline** or if messages advise you to replace the Maintenance Cartridge.



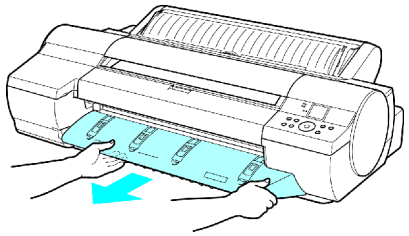
   If a message requests you to replace the Maintenance Cartridge, go to step 6 and remove the Maintenance Cartridge.



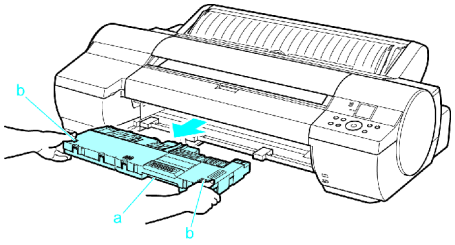
   Do not replace the Maintenance Cartridge during initialization immediately after turning on the printer, during Printhead cleaning, or while ink is being drawn out.
   If you pause printing to replace the Maintenance Cartridge, it may cause the printed images to be blurry.
2. Press the **Menu** button to display **MAIN MENU**.



3. Press ▲ or ▼ to select **Maintenance**, and then press the ► button.
4. Press ▲ or ▼ to select **Repl. maint cart**, and then press the ► button.
5. Press ▲ or ▼ to select **Yes**, and then press the **OK** button.
6. Remove the Ejection Guide.



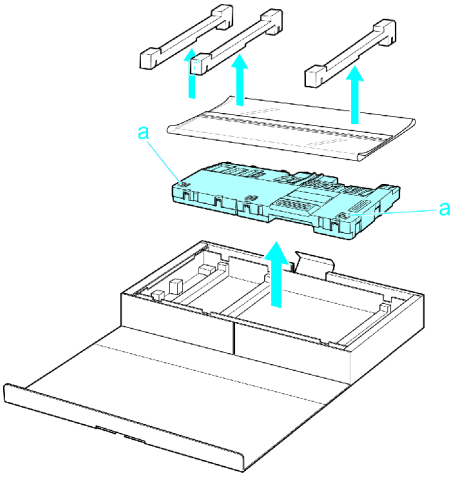
7. Hold the handle (a) of the used Maintenance Cartridge and pull out the cartridge. Grasp the handles on both sides (b) and keep the cartridge level as you remove it.



Important

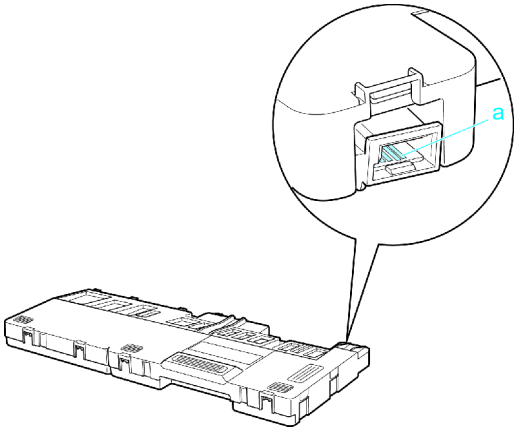
- Used Maintenance Cartridges are heavy. Always grasp the cartridge handles on both sides firmly and keep the cartridge level during removal and storage. If you drop a used Maintenance Cartridge or store it at an angle, ink may leak and cause stains.
- The remaining Maintenance Cartridge capacity is recorded on each printer. Do not install a used Maintenance Cartridge in another printer.

8. Open the plastic bag of the new Maintenance Cartridge and remove the packaging material. Holding the handles on both sides (a), remove the cartridge.

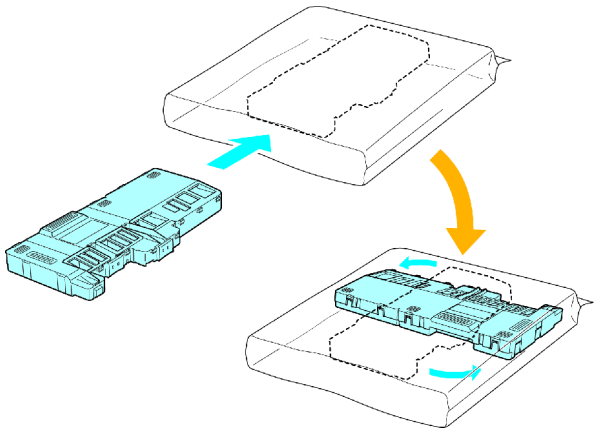


Important

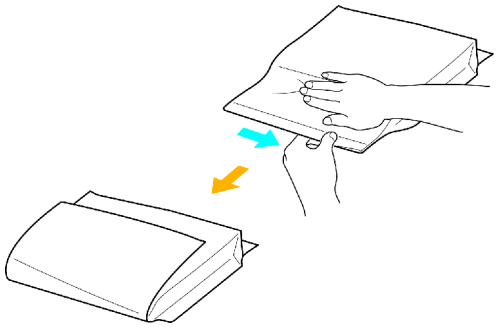
- Never touch the metal contacts (a). This may damage the Maintenance Cartridge.



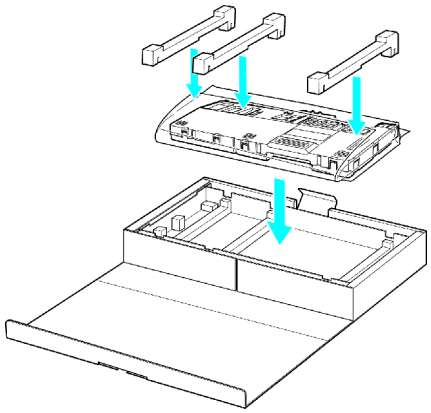
9. Keeping the used Maintenance Cartridge level, put it in the plastic bag that was in the box, as shown.



10. Expel air in the plastic bag and seal the zipper. Fold the plastic bag in half.



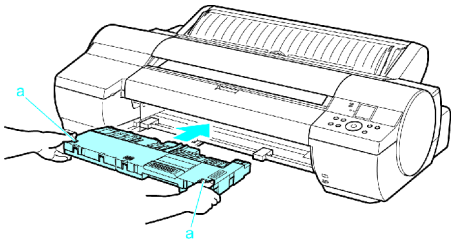
11. Put the used Maintenance Cartridge and packaging material in the box for storage, just like the new Maintenance Cartridge was, keeping it level.



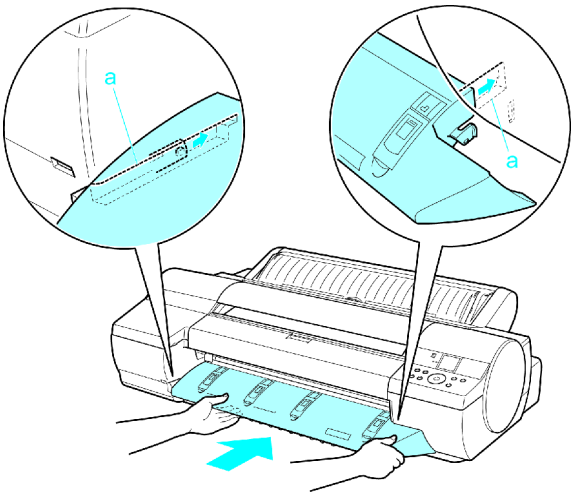
Important

- Always put the used Maintenance Cartridge back in the box and store the box on a flat surface. Otherwise, ink may leak and cause stains.
- In accordance with active and ongoing corporate environmental protection policies, Canon collects used Maintenance Cartridges. Follow the instructions provided with the new Maintenance Cartridge that describe how to process the used Maintenance Cartridge.

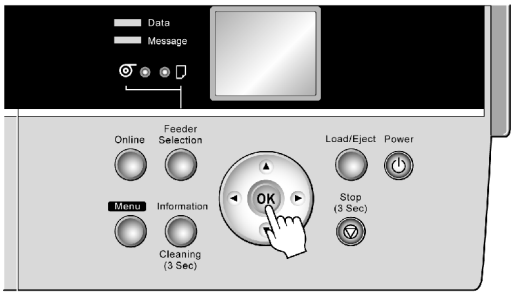
12. Holding the handles on both sides of the new Maintenance Cartridge (a), insert it completely, keeping it level.



13. Hold the Ejection Guide on both sides by the near end. Aligning the Ejection Guide with the guides (a), insert it into the printer until it locks in place.



14. Press the **OK** button.



The printer returns to the mode before replacement of the Maintenance Cartridge. If a message is displayed advising you to replace the Maintenance Cartridge, printing is not possible. Make sure that the Maintenance Cartridge is installed correctly.

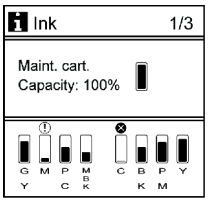
If a print job was in progress when the Maintenance Cartridge was replaced, printing is resumed.

Important

- Do not remove the Maintenance Cartridge during the first five seconds or so after the printer goes back online. This may damage the Maintenance Cartridge.
- If you replace the Maintenance Cartridge when the printer is off, do not remove the Maintenance Cartridge during the first five seconds or so after you turn the printer on again after replacement. This may damage the Maintenance Cartridge.

Checking the Remaining Maintenance Cartridge Capacity

The Maintenance Cartridge absorbs excess ink from borderless printing, printhead cleaning, and other processes. You can confirm the remaining capacity of the Maintenance Cartridge by checking the Maintenance Cartridge capacity shown on the Display Screen.
Press the **Information** button to display the remaining capacity of the Maintenance Cartridge on the Display Screen.



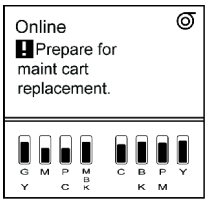
If the Display Screen indicates to replace the Maintenance Cartridge, replace the Maintenance Cartridge. If a message is displayed indicating to check the remaining capacity of the Maintenance Cartridge, or before tasks that deplete much of the capacity such as head cleaning or preparations to move the printer, check the remaining Maintenance Cartridge capacity and replace the Maintenance Cartridge as needed. (→P.633)

When to Replace the Maintenance Cartridge

Replace or prepare to replace the Maintenance Cartridge in the following situations.

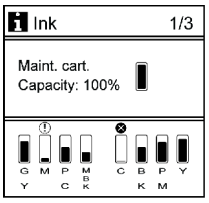
If a message for checking the Maintenance Cartridge is shown on the Display Screen

When the Maintenance Cartridge capacity is low, the Message lamp is lit and **Prepare for maint cart replacement.** is displayed. You can continue to print, but check the remaining Maintenance Cartridge capacity and prepare to replace the Maintenance Cartridge with a new one. (→P.638)



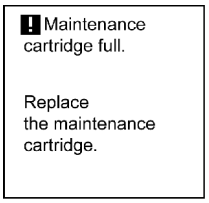
When much of the Maintenance Cartridge capacity is depleted

Printhead cleaning, Printhead replacement, and preparations to transfer the printer deplete much of the Maintenance Cartridge capacity. (In particular, preparing to move the printer depletes a lot of the capacity.) To check the remaining Maintenance Cartridge capacity, press the **Information** button. Replace the Maintenance Cartridge and perform related maintenance as needed.



If a message for the Maintenance Cartridge replacement is shown on the Display Screen

When the Maintenance Cartridge is full, the Message lamp flashes and a message to replace the Maintenance Cartridge is shown on the Display Screen. Printing is disabled, and you cannot replace the Printhead or transfer the printer. Replace the Maintenance Cartridge with a new one.



Cleaning the Printer

Cleaning the Printer Exterior

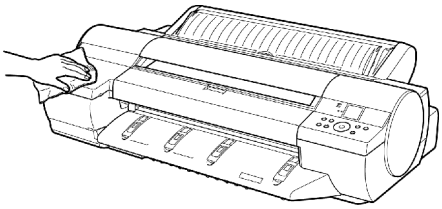
Clean the printer regularly to maintain better printing quality and help prevent problems.
About once a month, clean the printer exterior.

1. Turn the printer off. (→P.28)
2. Unplug the power cord from the outlet.

Caution

- Always turn off the printer and unplug the power cord before cleaning or maintenance. Accidentally leaving the printer on poses a risk of injury if you touch moving parts inside the printer.

3. Using a damp cloth that you have wrung out completely, wipe the exterior surfaces of the printer. Dry the surfaces with a dry cloth.



Caution

- Never use flammable solvents such as alcohol, benzene, or thinner. If these substances come into contact with electrical components inside the printer, there is a risk of fire or electrical shock.

Important

- If the Ejection Guide is dirty, it may soil the edge of the paper when the paper is cut. We recommend cleaning the Ejection Guide even if it does not appear dirty, because it may actually be covered with paper dust.

4. Plug the power cord into the outlet.

Cleaning Inside the Top Cover

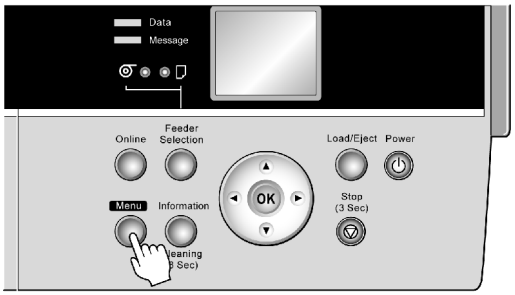
Clean inside the Top Cover about once a month to maintain better printing quality and help prevent problems. Also clean inside the Top Cover in the following situations to ensure optimal operation.

- If the printed surface or the underside of paper is dirty after printing
- After you have used up a roll
- After borderless printing
- After printing on small paper
- After printing on paper that generates a lot of cutting debris
- If you have replaced the roll
- After printing on paper that generates a lot of paper dust

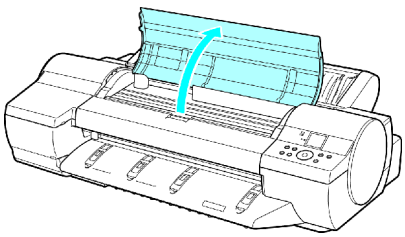
Important

- If the Platen inside the Top Cover becomes dirty, it may soil the underside of paper. We recommend cleaning the Platen after borderless printing or printing on small paper.
- If the Ejection Guide is dirty, it may soil the edge of the paper when the paper is cut. We recommend cleaning the Ejection Guide even if it does not appear dirty, because it may actually be covered with paper dust.

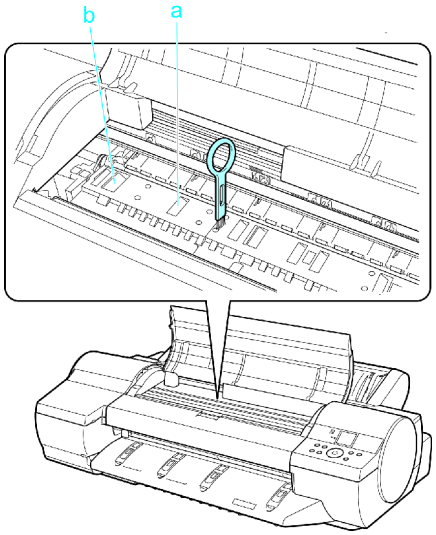
1. Press the **Menu** button to display **MAIN MENU**.



2. Press ▲ or ▼ to select **Maintenance**, and then press the ► button.
3. Press ▲ or ▼ to select **Clean Platen**, and then press the ► button.
4. Press ▲ or ▼ to select **Yes**, and then press the **OK** button.
5. Open the Top Cover.



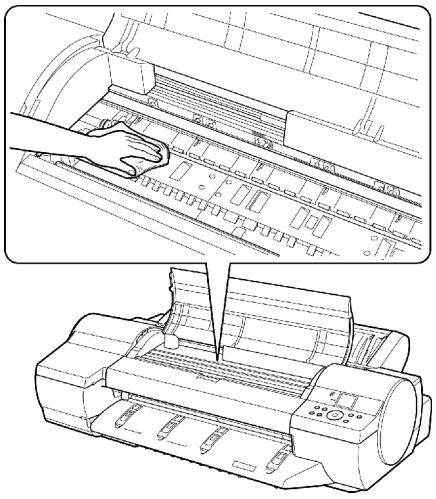
6. If paper dust has accumulated in the Vacuum holes (a) on the Platen or in the Borderless Printing Ink Grooves (b), use the Cleaning Brush, provided with the printer, to wipe it away.



Note

- If the Cleaning Brush is dirty, rinse it in water.

7. Using a damp cloth that you have wrung out completely, wipe inside the Top Cover to clean it. Wipe away any ink residue on the Platen as a whole, the Paper Retainer, and the Borderless Printing Ink Grooves.

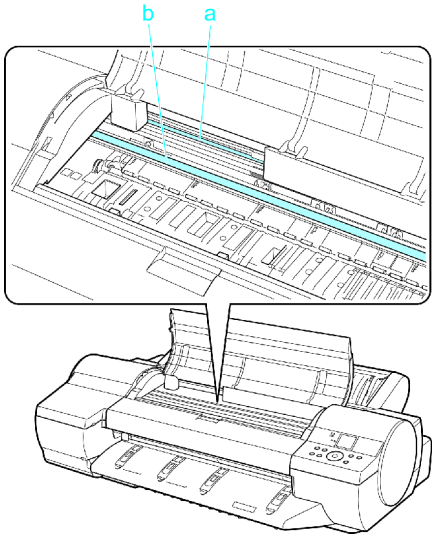


Caution

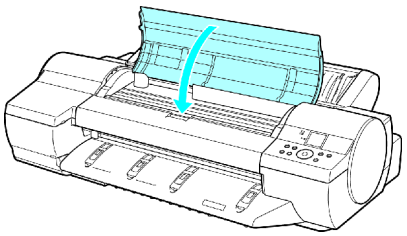
- Never use flammable solvents such as alcohol, benzene, or thinner. If these substances come into contact with electrical components inside the printer, there is a risk of fire or electrical shock.

Important

- Do not use a dry cloth to wipe inside the Top Cover. This may create a static charge, which may attract dust and affect the printing quality.
- Do not touch the Linear Scale (a) or Carriage Shaft (b). This may stain your hands and damage the printer.



8. Close the Top Cover.



Cleaning the Paper Retainer

Clean the Paper Retainer about once a month to maintain better printing quality and help prevent problems. Also clean the Paper Retainer in the following situations to ensure the printer offers a comfortable working environment.

- If the printed surface or the underside of paper is dirty after printing
- After printing on small paper

Caution

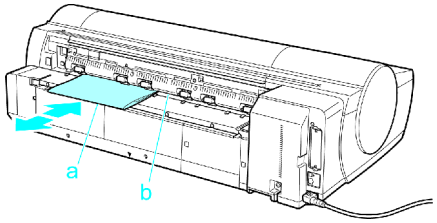
- During cleaning, use a type of paper that does not generate much dust from cutting, such as Plain Paper. It may affect printing quality if you use film or other media that are more likely to generate debris when cut, or that have a surface finish that may come off.

1. Turn the printer off. (→P.28)
2. Unplug the power cord from the outlet.

Caution

- Always turn off the printer and unplug the power cord before cleaning and maintenance. Accidentally leaving the printer on poses a risk of injury if you touch moving parts inside the printer.

3. Remove the Roll Feed Unit. (→P.143)
4. Fold a sheet of Plain Paper two or three times (a) and insert it under the Paper Retainer (b) behind the printer to wipe the entire surface of the Paper Retainer clean.



5. Reinstall the Roll Feed Unit. (→P.144)
6. Plug the power cord into the outlet.

Cleaning the Printhead

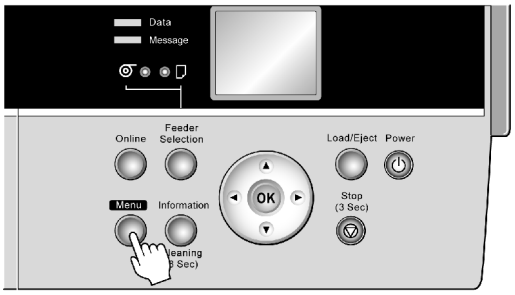
Cleaning the Printhead may help clear nozzles that are clogged.

Note

- You can specify a number of pages in the printer's **Noz. Check Freq.** menu for automatic nozzle checking and cleaning every time you finish printing that quantity. (→P.55)
- You can start **Head Cleaning A** by holding down the **Information** button for three seconds or more.
- If POP Board (paper thickness 1.5 mm [0.06 in]) is loaded in Front Paper Feed Slot, printhead cleaning will not work correctly. Remove the paper before cleaning.

Cleaning the Printhead

1. Press the **Menu** button to display **MAIN MENU**.



2. Press ▲ or ▼ to select **Head Cleaning**, and then press the ► button.
3. Press ▲ or ▼ to select the type of cleaning, and then press the **OK** button.
   - **Head Cleaning A**
     Use **Head Cleaning A** if printing is faint or contains foreign substances. This method of cleaning consumes the least amount of ink. It takes about six minutes to complete.
   - **Head Cleaning B**
     Use **Head Cleaning B** if no ink comes out of the printhead, or if **Head Cleaning A** does not solve the problem. It takes about seven minutes to complete.

   The printhead is cleaned, and the printer goes online.
4. Print a test pattern to check the nozzles, and determine whether cleaning has cleared the nozzles. (→P.624)

Important

- If printing does not improve after **Head Cleaning A**, try **Head Cleaning B**. If this does not solve the problem, repeat **Head Cleaning B** one or two times. If this still does not improve printing, the Printhead may have reached the end of its useful life. Contact your Canon dealer.
- Do not remove the Maintenance Cartridge or ink tanks during cleaning.

Other Maintenance

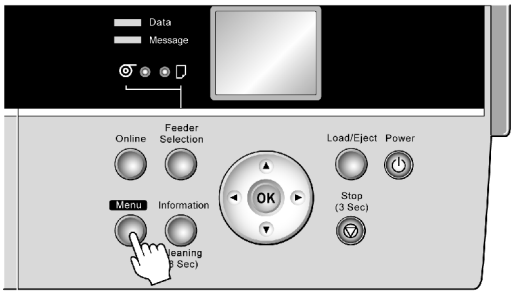
Preparing to Transfer the Printer

To protect the internal parts in transit, always follow the steps below before transferring the printer to a new location. Refer to the Quick Start Guide for details on packing the printer and installing it after transfer.

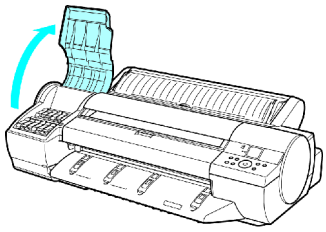
Note

- It is not possible to prepare the printer for transfer if the Display Screen prompts you to replace the Maintenance Cartridge or check the remaining capacity. Replace the Maintenance Cartridge before transfer preparations. (→P.633)
- Do not tilt the printer in transit. Ink inside the printer may leak and cause stains. If it is necessary to stand the printer up or tilt it, contact your Canon dealer.

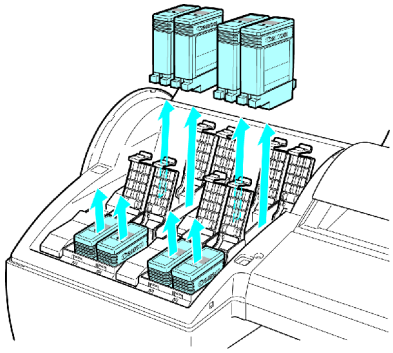
1. Remove the paper.
   - Rolls
     - (→P.120)
     - (→P.121)
     - (→P.122)
   - Sheet
     - (→P.154)
     - (→P.155)
2. Press the **Menu** button to display **MAIN MENU**.



3. Press ▲ or ▼ to select **Maintenance**, and then press the ► button.
4. Press ▲ or ▼ to select **Move Printer**, and then press the ► button.
5. Press ▲ or ▼ to select **Yes**, and then press the **OK** button.
   The printer now starts preparing for transfer.
   If a message is shown on the Display Screen requesting you to open the Ink Tank Cover, follow the procedure starting with step 6.
6. Open the Ink Tank Cover.



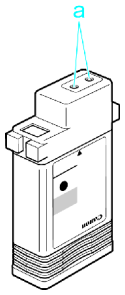
7. Open the Ink Tank Lock Lever and remove every Ink Tank.



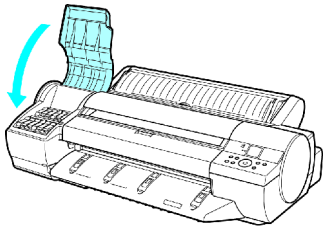
Put the Ink Tank in a plastic bag and seal it.

Note

- Store the Ink Tank you removed with the ink holes (a) facing up. Otherwise, ink may leak and cause stains.



8. Close every Ink Tank Lock Lever, and close the Ink Tank Cover.



At this point, ink is drawn out from inside the tubes.

Important

- Do not remove the Maintenance Cartridge during this process.

When the suction is finished, **Turn Power Off!!** is displayed.

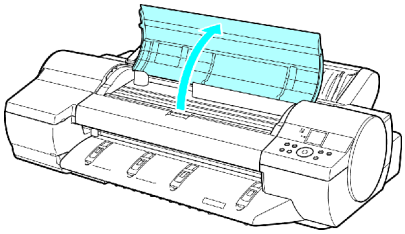
9. Press the **Power** button and turn off the printer.

Important

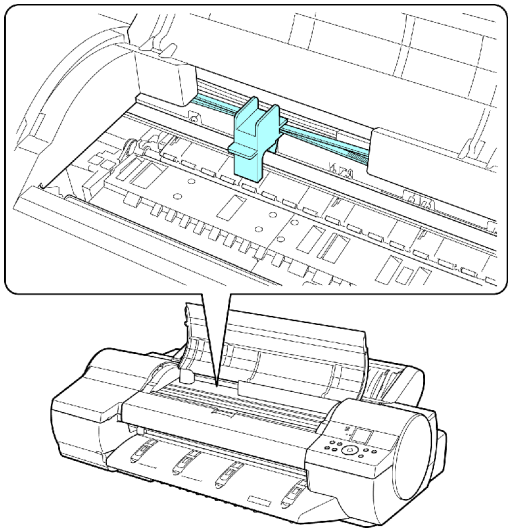
- Turn off the printer before you unplug it. It may damage the printer if you unplug it before it is off and transfer it in that state. If you accidentally unplug the printer, plug it in again, reinstall the Ink Tanks, wait until the printer comes online, and follow this procedure again.

10. Disconnect the power cord and interface cable.

11. Open the Top Cover.

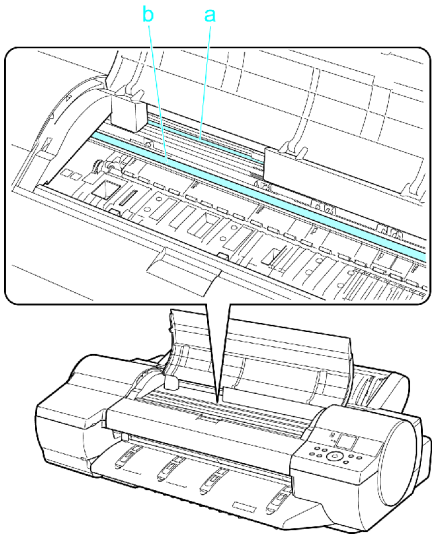


12. Grasp the Belt, insert it between the Belt Stopper, and affix the Belt Stopper to the Carriage Shaft.



Important

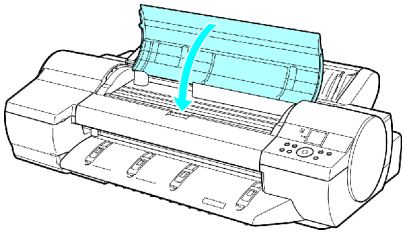
- Never touch the Linear Scale (a) or Carriage Shaft (b).



Note

- Here, the Belt Stopper is the one that was removed and stored after initial installation.

13. Close the Top Cover.



14. Tape down printer covers to secure them, in the reverse order of tape removal during installation.

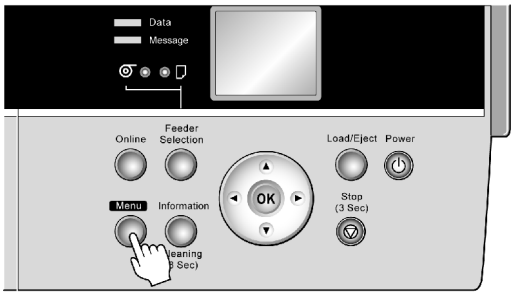
15. Repack the Roll Holder, Holder Stopper, and printer in shipping materials, and then package them in a shipping box.

Updating the Firmware

Update the printer firmware to take advantage of new and improved printer functions.

Confirming the firmware version

1. Press the **Menu** button to display **MAIN MENU**.



2. Press ▲ or ▼ to select **Information**, and then press ►.
3. Press ▲ or ▼ to select **System Info**, and then press the ► button.
   The firmware version is displayed.

Updating the firmware

To obtain the latest firmware, visit the Canon website. If the firmware available online is newer than the installed firmware, update the printer firmware. For details on downloading and updating the firmware, visit the Canon website.

Troubleshooting

Frequently Asked Questions

Frequently Asked Questions

This section presents frequently asked questions and answers. To view more detailed explanations, click the hyperlinks in the answer column.

Question	Answer
How do I print on a roll?	When printing on rolls, after loading the roll, specify the paper type and length, both on the Control Panel and in the printer driver. ⇒Loading and Printing on Rolls (→P.88)
How do I print manually?	When printing manually, specify the paper type and size in the printer driver, and then load the paper. ⇒Loading and Printing on Sheets in the Paper Feed Slot (→P.93)
How do I switch between printing on a roll and printing manually?	Press the **Feeder Selection** button to switch the paper source between the roll and a sheet. ⇒Selecting the Paper Source (→P.112)
How do I change the paper type or size?	Specify the type and size of paper, both on the Control Panel and in the printer driver. • Specifying it in the Printer Driver ⇒Specifying Paper in the Printer Driver (→P.224) • Specifying it on the Control Panel Selecting the paper type ⇒Selecting the Paper Type (Roll) (→P.113) ⇒Selecting the Paper Type (Sheet) (→P.146) Selecting the Paper Size ⇒Specifying the Paper Length (Roll) (→P.114) ⇒Selecting the Paper Size (Sheet) (→P.147)
How do I cut the roll paper after printing?	You can wait until ink dries before cutting the roll, and you can cut rolls at a desired position. ⇒Specifying the Cutting Method for Rolls (→P.132)
How do I print without borders?	Borderless printing is possible on rolls. You can also specify borderless printing in the printer driver by adjusting the original size to match the paper size. Borderless printing is not supported on sheets. ⇒Borderless Printing on Paper of Equivalent Size (→P.266) ⇒Borderless Printing by Resizing Originals to Fit the Roll Width (→P.273) ⇒Borderless Printing at Actual Size (→P.259)

Question	Answer
How do I print an A4 original enlarged on A2 paper?	In the printer driver, you can adjust the original image to match the paper size or width, or you can specify enlargement or reduction before printing as desired. ⇒Resizing Originals to Match the Paper Size (→P.229) ⇒Resizing Originals to Fit the Roll Width (→P.235) ⇒Resizing Originals by Entering a Scaling Value (→P.241)
How do I print without wasting paper?	To conserve paper, you can specify in the printer driver to rotate originals 90 degrees or to print without top and bottom margins. ⇒Conserving Roll Paper by Rotating Originals 90 Degrees (→P.333) ⇒Conserving Roll Paper by Printing Originals Without Top and Bottom Margins (→P.339)
How do I print without wasting all the blank space on the right side when printing an A4-sized original at A3 size?	By specifying to rotate originals 90 degrees in the printer driver, you can print at A4 size to fill the width of A3 paper. ⇒Conserving Roll Paper by Rotating Originals 90 Degrees (→P.333)
How do I print in landscape (or portrait) orientation?	You can print originals that are in landscape (or portrait) orientation automatically enlarged to fit the roll width. This is an easy way to create vertical or horizontal banners. ⇒Printing Vertical or Horizontal Banners (Large-Format Printing) (→P.287)
How do I print on a custom paper size?	You can specify custom sizes temporarily in the printer driver. ⇒Printing on Non-Standard Paper Sizes (→P.295)
How do I register custom paper sizes?	You can add desired sizes (Custom Media Sizes) in the **Size Options** dialog box of the printer driver. ⇒Printing on Non-Standard Paper Sizes (→P.295)
How do I print lines thicker?	By specifying **Thicken Fine Lines** in the printer driver, you can print fine lines thicker to make them easier to see. ⇒Giving Priority to Particular Graphic Elements and Colors for Printing (→P.212)
How do I modify how colors are printed?	To compensate for changes in color from individual variation among Printheads or from the printing environment and to ensure better color consistency, execute color calibration. ⇒Using Color Calibration to Adjust Colors (→P.588) You can adjust colors even further in the printer driver before printing. ⇒Adjusting the Color in the Printer Driver (→P.203)
How do I use printer driver settings again in subsequent jobs?	By saving settings information in a favorite, you can apply the settings again before printing anytime as needed. ⇒Using Favorites (→P.359)

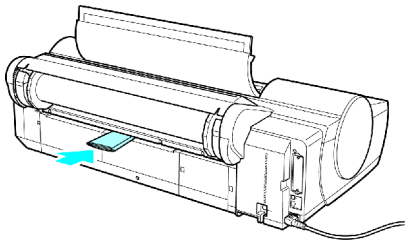
Question	Answer
How do I use the printer in combination with a **Color imageRUNNER** ?	The printer can be used for automatic enlargement and printing of scanned originals from a **Color imageRUNNER**. ⇒Printing Enlargements of Scanned Originals from a Color imageRUNNER (→P.198)
How do I print enlargements of scanned originals from a **Color imageRUNNER** ?	By using Color imageRUNNER Enlargement Copy (iR enlargement copy), you can automatically print enlargements of scanned originals from a **Color imageRUNNER**. ⇒Printing Enlargements of Scanned Originals from a Color imageRUNNER (→P.198)

Problems Regarding Paper

Clearing Jammed Paper (Paper Feed Slot)

Follow these steps to remove any scraps left in the Paper Feed Slot after you clear jammed sheets or roll paper.

1. Press the **Feeder Selection** button to activate the **Cut Sheet lamp**.
2. Press the **Load/Eject** button.
   A screen is displayed for paper type selection.
3. Select POP Board and press the **OK** button.
   A screen is displayed for paper size selection.
4. Select the desired size and press the **OK** button.
   Instructions for feeding POP Board are shown on the Control Panel, but instead of following them, follow this procedure to remove the jammed paper.
5. Open the Top Cover.
6. Fold an A4 sheet lengthwise four times and insert it through the gap of the Back Cover. Push the scrap out toward the Platen.



7. Remove the scrap when it is pushed out onto the Platen.
8. If any scraps remain inside the Paper Feed Slot, repeat steps 6 and 7.
9. Close the Top Cover.
10. Turn the printer off. (→P.28)

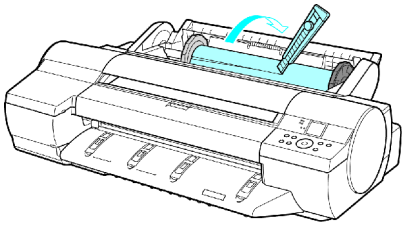
Clearing Jammed Roll Paper

If paper from a roll becomes jammed, **Paper jam.** is shown on the Display Screen of the Control Panel. Remove the jammed paper as follows.

Note

- For instructions on removing a paper jam from a roll if the scrap of paper remains in the Paper Feed Slot, see “Clearing Jammed Paper (Paper Feed Slot)”. (→P.127)

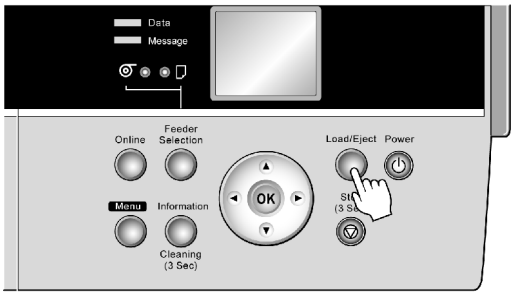
1. Open the Roll Feed Unit Cover. Use a commercially available cutter or the like to cut the paper of the loaded roll.



Caution

- When cutting paper, be careful to avoid injury and damaging the printer.

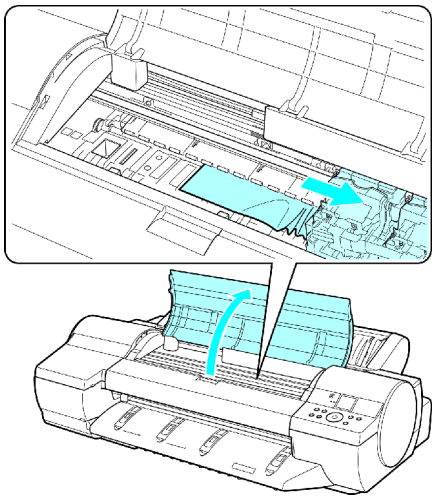
2. Press the **Load/Eject** button.



3. Remove the jammed paper.

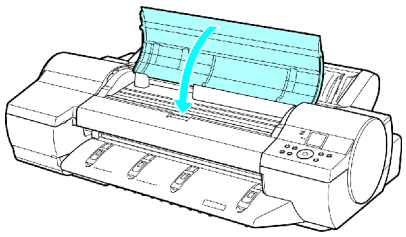
- If paper is jammed inside the Top Cover

1. Open the Top Cover and move the Carriage to the side.



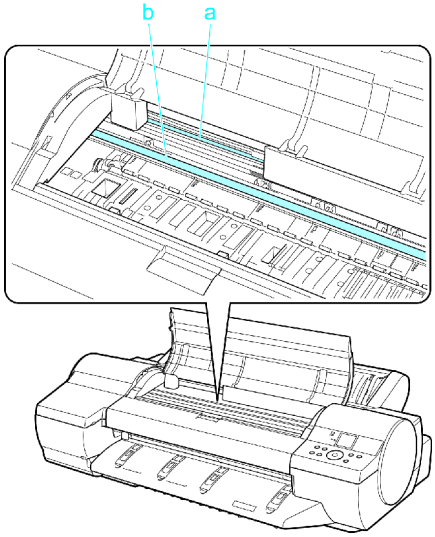
2. Clear any jammed paper from inside the Top Cover.
After removing the paper, make sure there are no other scraps of paper in the printer.

3. Close the Top Cover.



Important

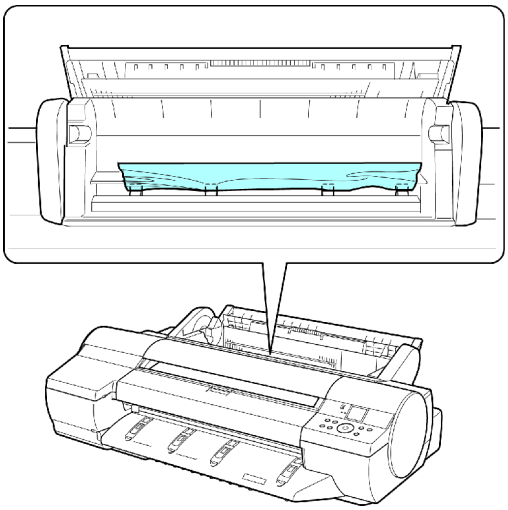
- Do not touch the Linear Scale (a) or Carriage Shaft (b). This may stain your hands and damage the printer.



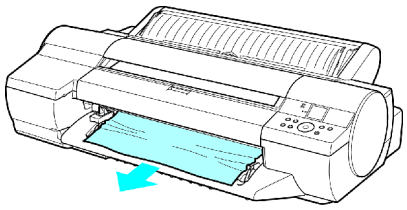
- If paper from a roll is jammed by the Paper Feed Slot

1. Open the Roll Feed Unit Cover.

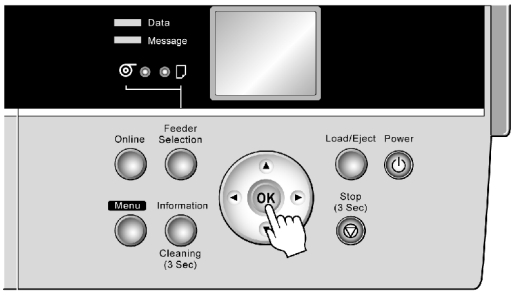
2. Remove the jammed paper from the Paper Feed Slot.
After removing the paper, make sure there are no other scraps of paper in the printer. If paper is jammed deep in the Paper Feed Slot (→P.657), remove the Roll Feed Unit and clear the paper jam.



- If the paper is jammed by the Ejection Guide
  Remove the jammed paper from the Output Tray.
  After removing the paper, make sure there are no other scraps of paper in the printer.



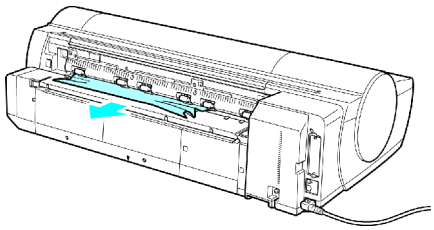
4. Press the **OK** button.



If paper is jammed deep in the Paper Feed Slot, remove the Roll Feed Unit and clear the paper jam as follows.

1. Turn off the printer and remove the Roll Feed Unit from the printer. (→P.143)

2. Remove the jammed paper from the Paper Feed Slot.



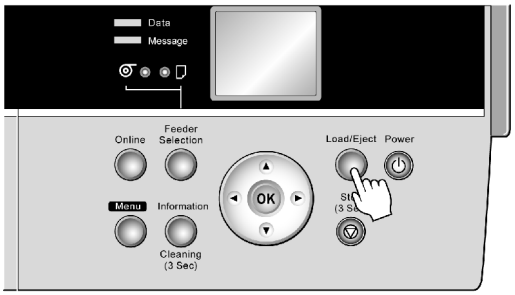
After removing the paper, make sure there are no other scraps of paper in the printer.

3. Install the Roll Feed Unit on the printer again. (→P.144)

Clearing Jammed Paper from the Tray

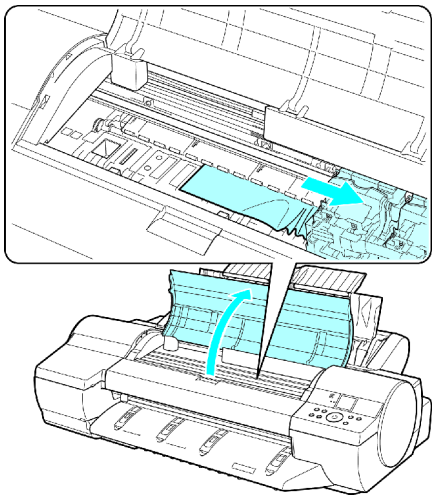
If a sheet loaded manually becomes jammed, **Paper jam.** is shown on the Display Screen of the Control Panel. Remove the jammed paper as follows.

1. Press the **Load/Eject** button.

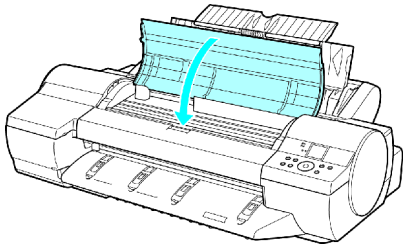


2. Remove the jammed paper.
   - If paper is jammed inside the Top Cover

   1. Open the Top Cover and move the Carriage to the side manually.

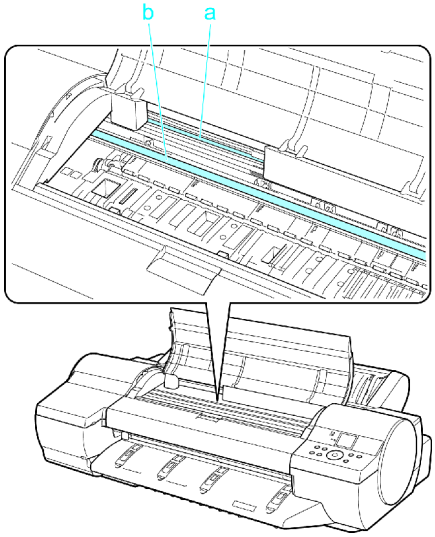


   2. Clear any jammed paper from inside the Top Cover.
      After removing the paper, make sure there are no other scraps of paper in the printer.
   3. Close the Top Cover.



Important

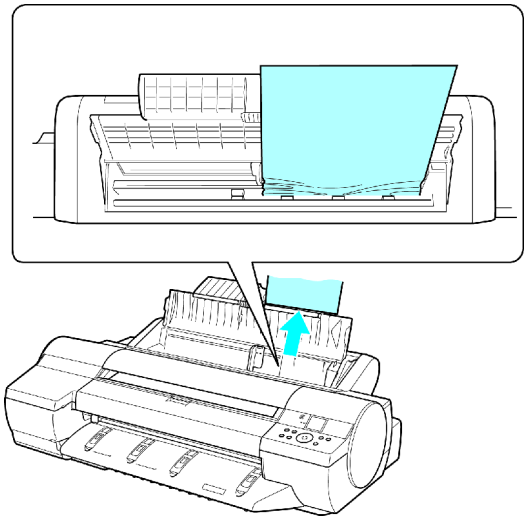
- Do not touch the Linear Scale (a) or Carriage Shaft (b). This may stain your hands and damage the printer.



- If paper is jammed by the Paper Feed Slot of the Top Paper Feed Slot

  Remove the jammed paper from the Paper Feed Slot.

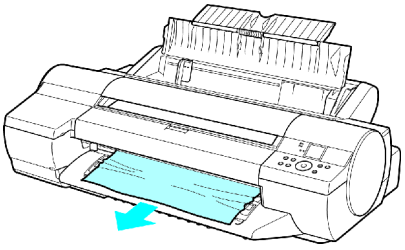
  After removing the paper, make sure there are no other scraps of paper in the printer. If paper is jammed deep in the Paper Feed Slot (→P.660), remove the Roll Feed Unit and clear the paper jam.



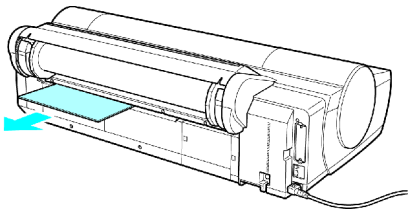
- If the paper is jammed by the Ejection Guide

  Remove the jammed paper from the Output Tray.

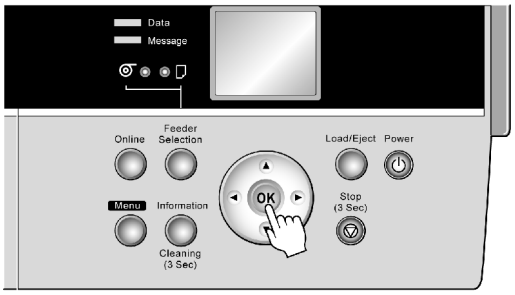
  After removing the paper, make sure there are no other scraps of paper in the printer.



- If paper is jammed in the back of the printer
  Remove the jammed paper from the back.
  After removing the paper, make sure there are no other scraps of paper in the printer.

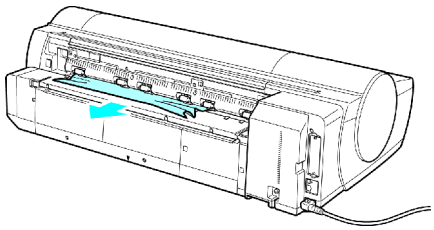


3. Press the **OK** button.



If paper is jammed deep in the Paper Feed Slot, remove the Roll Feed Unit and clear the paper jam as follows.

1. Turn off the printer and remove the Roll Feed Unit from the printer.
   (→P.143)
2. Remove the jammed paper from the Paper Feed Slot.



   After removing the paper, make sure there are no other scraps of paper in the printer.
3. Install the Roll Feed Unit on the printer again.
   (→P.144)

Roll Paper Cannot be Inserted into the Paper Feed Slot

Cause	Corrective Action
The roll paper is warped.	Straighten out curls and reload the roll.
The roll was pulled out by force when it had been advanced before printing, and this action closed the Paper Feed Slot.	Follow these steps to remove the roll and open the feed slot. 1. Press the **Load/Eject** button. A confirmation message is displayed regarding removal of the roll. 2. Press the **OK** button.

Cannot Load Sheets

Cause	Corrective Action
The paper source selection is incorrect.	Press the **Feeder Selection** button to activate the **Cut Sheet lamp**.

Paper is not cut straight

Cause	Corrective Action
The paper is bent or curled at the cut position.	Straighten out any curling by the edges of the paper.
Paper rises by the ends of the cut position before it is cut.	Reload the paper correctly.

Paper cannot be cut

Cause	Corrective Action
The printed document became caught on a foreign object by the Output Tray, which lifted the document. The Cutter passed under the paper.	Remove the foreign object by the Output Tray to enable the printer to eject the printed document, keeping it level.
In the printer driver, **No** or **Print Cut Guideline** is specified in **Auto Cut**.	Specify **Yes** in **Auto Cut** in the printer driver.
In **MAIN MENU**, **Eject** or **Manual** is specified in **Cutting Mode**.	Specify **Automatic** in **Cutting Mode** in **MAIN MENU**.

Depression on the leading edge is left

Cause	Corrective Action
Keeping a roll in the printer for a long time without printing on it may leave a depression on the leading edge.	When printing quality is most important, we recommend setting **TrimEdge Reload** to **On** or **Automatic** so that the paper edge is automatically cut before printing.

Roller marks are left across the trailing edge of paper

Cause	Corrective Action
A document was removed after printing from the Front Paper Feed Slot without pressing the **Load/Eject** button.	Following the instructions, press the **Load/Eject** button, remove the paper, and then press the **OK** button.
	Wipe away any soiling on the rollers. (→P.641) (→P.644)

Printing does not start

The Data lamp on the Control Panel does not light up

Cause	Corrective Action
The printer is not on.	Make sure the power cord is securely plugged in, all the way. Press the **Power** button to turn the printer on.
The printer is not selected in the printer driver. (The printer is in Sleep mode.)	In Windows, select the printer by clicking **Select Printer** or **Printer** in the printing dialog box and try printing again.
	In Mac OS X, select the printer by clicking **Printer Setup Utility** (or **Print Center**) and try printing again.
The print job is paused. (The printer is in Sleep mode.)	In Windows, restart the print job as follows. 1. Select the printer icon in the **Printers and Faxes** (or **Printers**) window. 2. Clear **Pause Printing** in the **File** menu to restart the print job.
	In Mac OS X, restart the print job as follows. 1. Open the **Printer Setup Utility** (or the **Print Center**). 2. Select the printer, and then **Start Jobs** in the **Printers** menu to restart the print job.

The Printer Does Not Respond Even if Print Jobs are Sent

Cause	Corrective Action
The printer is offline.	Press the **Online** button on the Control Panel to bring the printer online.

The Display Screen indicates the system is filling with ink

Cause	Corrective Action
When the printer was turned off previously, some cleaning operation was terminated.	Wait until the system has been filled with ink. This process may take about ten minutes.

The printer stops during a print job

An error message is shown on the Display Screen

Status	Corrective Action
An error message is displayed during printing.	Check the error message and take action as necessary. (→P.683)
The last portion of roll paper was used during a print job, and paper could not be advanced because the trailing edge is taped to the roll.	Remove the used roll and insert a new roll. (→P.120) (→P.121) (→P.122) (→P.88)

The printer ejects blank, unprinted paper

Status	Corrective Action
The leading edge of the roll paper was cut to straighten it.	This operation is normal. The printer cuts the leading edge of the roll to straighten it and ejects the scraps when **Trim Edge First** in the printer menu is **On** or when **Trim Edge First** is **Automatic** and the leading edge is slanted. The printer is ready to print after this initial preparation. When **Off** is selected under **Trim Edge First**, the edge is not cut and scraps are not removed.
The Printhead nozzles are clogged.	Print a test pattern to check the nozzles and make sure the Printhead is in good condition for printing. (→P.624) Clean the Printhead if the nozzles are clogged. (→P.625)
A print job was received from an incompatible printer driver.	Use the correct imagePROGRAF printer driver for the printer and try printing again.
The printer is damaged.	Contact your Canon dealer for assistance.

Problems with the printing quality

Printing is faint

Cause	Corrective Action
You may be printing on the wrong side of the paper.	Print on the printing surface.
The Printhead nozzles are clogged.	Print a test pattern to check the nozzles and see if they are clogged. (→P.624)
Because the printer was left without ink tanks installed for some time, ink has become clogged in the ink supply system.	After the Ink Tank have been installed for 24 hours, run **Head Cleaning B**. (→P.625)
Paper is jammed inside the Top Cover.	Follow the steps below to remove the jammed piece of paper inside the Top Cover. 1. Press the **Online** button to bring the printer offline. 2. Open the Top Cover and make sure the Carriage is not over the Platen. 3. Remove any scraps of paper inside the Top Cover. 4. Close the Top Cover. For tips on clearing paper jams, refer to the following topics. • Clearing Jammed Roll Paper (→P.123) • Clearing Jammed Paper from the Tray (→P.156)
During borderless printing, the ink was not dry enough before cutting.	Specify a longer drying period in the printer menu, in **Roll DryingTime** in **Paper Details**. (→P.55)
Printing may be faint if **Print Quality** in **Advanced Settings** in the printer driver is set to **Draft** or **Standard**, or if **High-Speed Printing** is selected.	In **Advanced Settings** of the printer driver, choose **Highest** or **High** in **Print Quality**. Printing in **Draft**, **Standard**, or **High-Speed Printing** mode is useful in saving time and ink, compared to printing in **Highest** or **High** modes, but the printing quality is lower. (→P.212)

Paper rubs against the Printhead

Cause	Corrective Action
The paper type as specified in the printer driver does not match the type loaded in the printer. (*1)	Make sure the same type of paper is specified on the printer as in the printer driver. (→P.113) (→P.146)
	Make sure the same type of paper is specified in the printer driver as you have loaded in the printer. 1. Hold down the **Stop** button for a second or more to cancel printing. 2. Change the paper type in the printer driver and try printing again.
Paper has been loaded incorrectly, causing it to wrinkle.	Reload the paper. (→P.118) (→P.148)
The Printhead is set too low.	In **Head Height**, choose **Automatic**. (→P.575)
You are printing on heavyweight paper or paper that curls or wrinkles easily after absorbing ink.	When printing on Heavyweight Coated Paper or other paper-based media, choose a **VacuumStrngth** setting of **Strong**, or **Strongest**. If the paper is still scratched, try setting the Printhead level in **Head Height** to **Highest**. (→P.587) (→P.575)
	When printing on CAD Tracing Paper or other film-based media, choose a **VacuumStrngth** setting of **Standard**, **Strong**, or **Strongest**. If the paper is still scratched, try setting the Printhead level in **Head Height** to **Highest**. (→P.587) (→P.575)
	When printing on paper 0.1 mm (0.004 in) thin or thinner, choose a **VacuumStrngth** setting of **Weakest**. If the paper is still scratched, try setting the Printhead level in **Head Height** to **Highest**. (→P.587) (→P.575)
	If edges of the paper curl and become soiled when printing on rolls of glossy photo paper, in **Paper Detailed Settings** in the printer driver, set **Near End Margin** to **20mm**.

*1: Always make sure the loaded paper matches the media type setting on the printer.

The edges of the paper are dirty

Cause	Corrective Action
The Platen has become dirty after borderless printing or printing on small paper.	Open the Top Cover and clean the Platen. (→P.641)
The paper type as specified on the printer does not match the type specified in the printer driver.	Make sure the same paper type is specified on the printer as in the printer driver. (→P.113) (→P.146)
	Make sure the same paper type is specified in the printer driver as on the printer. 1. Hold down the **Stop** button for a second or more to cancel printing. 2. Change the paper type in the printer driver and try printing again.
The paper is wrinkled or warped.	Straighten out the wrinkles or curls and reload the paper. Do not use paper that has been printed on previously. (→P.118) (→P.148)
A cut line is printed because the function to reduce cutting dust has been activated.	If this function is not needed, deactivate **CutDustReduct.** through the printer menu. (→P.55)
The Printhead is set too low.	In **Head Height**, choose **Automatic**. (→P.575)
You are printing on heavyweight paper or paper that curls or wrinkles easily after absorbing ink.	When printing on Heavyweight Coated Paper or other paper-based media, choose a **VacuumStrngth** setting of **Strong**, or **Strongest**. If the paper is still scratched, try setting the Printhead level in **Head Height** to **Highest**. (→P.587) (→P.575)
	When printing on CAD Tracing Paper or other film-based media, choose a **VacuumStrngth** setting of **Standard**, **Strong**, or **Strongest**. If the paper is still scratched, try setting the Printhead level in **Head Height** to **Highest**. (→P.587) (→P.575)
	If edges of the paper curl and become soiled when printing on rolls of glossy photo paper, in **Paper Detailed Settings** in the printer driver, set **Near End Margin** to **20mm**.
The Ejection Guide is soiled.	Clean the Ejection Guide. (→P.640)

The surface of the paper is dirty

Cause	Corrective Action
The Paper Retainer is soiled.	Clean the Paper Retainer. (→P.644)
You are using a paper that does not dry easily.	Specify a time of about a minute in **Roll DryingTime**.

The back side of the paper is dirty

Cause	Corrective Action
The Platen has become dirty after borderless printing or printing on small paper.	Open the Top Cover and clean the Platen. (→P.641)
The Paper Retainer is soiled.	Clean the Paper Retainer. (→P.644)

Roller marks are left across the trailing edge of paper

Cause	Corrective Action
A document was removed after printing from the Front Paper Feed Slot without pressing the **Load/Eject** button.	Following the instructions, press the **Load/Eject** button, remove the paper, and then press the **OK** button.
	Wipe away any soiling on the rollers. (→P.641) (→P.644)

Immediately After Borderless Printing, the Trailing Edge Margin is Soiled During Regular Printing

Cause	Corrective Action
Depending on your printing environment, after borderless printing in which the leading and trailing edge of the roll is cut automatically, any ink adhering to the cutter unit may rub off on the next printed document.	Follow these steps to set the **Between Pages** setting of **Drying Time** in a range of 30 seconds to 3 minutes before borderless printing. 1. On the **Main** sheet of the printer driver, click **Settings** in **Media Type**. 2. Select the ink drying time in the **Between Pages** list of **Drying Time**.

Printed colors are inaccurate

Cause	Corrective Action
Color adjustment has not been activated in the **Advanced Settings** of the printer driver.	In the **Advanced Settings** of the printer driver, access **Color Settings** in **Color Mode** to adjust colors.
Colors have not been adjusted on the computer or monitor.	Refer to the computer and monitor documentation to adjust the colors.
	Adjust the settings of the color management software, referring to the software documentation as needed.
The Printhead nozzles are clogged.	Print a test pattern to check the nozzles and see if they are clogged. (→P.624)
In the printer driver, **Application Color Matching Priority** is not selected.	Click **Special Settings** on the **Layout** sheet of the printer driver and select **Application Color Matching Priority** in the dialog box.
There may be a slight difference in how colors are printed after you replace the Printhead because of individual variation among Printheads.	Execute color calibration.
Printhead characteristics gradually change through repeated use, and colors may change.	Execute color calibration.
Color may change slightly even on the same model of printer if you use a different version of the firmware or printer driver, or when you print under different settings or in a different printing environment.	Follow these steps to prepare the printing environment. 1. Use the same version of firmware or printer driver. 2. Specify the same value for all settings items. 3. Execute color calibration.
The region selection of the Media Configuration Tool was changed when you reinstalled the printer driver. If you change the region selection of the Media Configuration Tool, region-specific paper information originally registered on the printer before installation will be deleted. If the information of paper you used for color calibration is deleted, such color calibration can no longer be applied to any type of paper.	Perform color calibration again using paper supported in the newly selected region and compatible with color calibration.

Banding in different colors occurs

Cause	Corrective Action
The roll is not loaded correctly in the Roll Feed Unit.	Remove the roll and reload it. (→P.117)
The paper feed amount is out of adjustment.	Adjust the feed amount. (→P.576)
Printing does not proceed smoothly because print jobs are interrupted during transmission.	Exit other applications and cancel other print jobs.
In the printer menu, **Print Length** is specified in **Feed Priority**.	To adjust the feed amount, specify **Band Joint** in **Feed Priority** in the printer menu. (→P.576)
The Printhead is out of alignment.	Adjust the Printhead alignment. (→P.571)
Streaks may occur if you set the **Print Quality** too low and when **High-Speed Printing** is selected.	Choose a higher level of **Print Quality** in the **Advanced Settings** of the printer driver and try printing again. Printing in **Draft**, **Standard**, or **High-Speed Printing** mode is useful in saving time and ink, compared to printing in **Highest** or **High** modes, but the printing quality is lower. (→P.212)

Colors in printed images are uneven

Cause	Corrective Action
Line Drawing/Text is selected when printing images in many solid colors.	Specify **Image** in the printer driver.
You are printing on paper that curls easily.	Printed colors may appear uneven on the leading edge of paper that is susceptible to curling. Increase the level of suction holding the paper against the Platen or specify a margin of 20 mm (0.79 in) or more for the leading edge. (→P.587)
If you use Glossy Paper, art paper or Coated Paper, uneven color density may occur at the trailing edges of the paper.	In **Advanced Settings** of the printer driver, choose **Highest** or **High** in **Print Quality**. (→P.212)
Color unevenness may occur if you set the **Print Quality** too low, or if **High-Speed Printing** is selected.	Choose a higher level of **Print Quality** in the **Advanced Settings** of the printer driver. Printing in **Draft**, **Standard**, or **High-Speed Printing** mode is useful in saving time and ink, compared to printing in **Highest** or **High** modes, but the printing quality is lower. (→P.212)
Color may be uneven between dark and light image areas.	Select **Unidirectional Printing** in the **Advanced Settings** of the printer driver.
When borderless printing is used, the edge of the paper is cut during printing. Thus, ink density may be slightly uneven at the edges.	Specify **No** in **Auto Cut** in the printer driver before printing. In this case, the paper can be printed without borders on the left and right sides only. Cut the printed document ejected from the printer, then use scissors to cut away the edges on the top and bottom.
	Choose a higher level of **Print Quality** in the **Advanced Settings** of the printer driver. (→P.212)
The Printhead is out of alignment.	Adjust the Printhead alignment. (→P.571)
Drying documents stacked on each other may cause uneven colors.	To avoid uneven colors, we recommend drying each sheet separately.
If you are using heavyweight sheets or similar paper, colors may be uneven on the trailing edge in some cases even after you execute **Adj Far Ed Feed**.	For heavyweight sheets or similar paper, execute **Adj Far Ed Feed** with the Front Tray Guides raised. Also keep the Front Tray Guides raised during printing. Before printing on paper other than heavyweight sheets, lower the Front Tray Guides.

Image Edges are Blurred or White Banding Occurs

Cause	Corrective Action
The Platen suction is too strong.	Set **VacuumStrngth** to **Weakest**. (→P.587)
The Printhead is set too high.	Lower the Printhead. (→P.575)

The contrast becomes uneven during printing

Cause	Corrective Action
The paper feed amount is out of adjustment.	Adjust the feed amount. (→P.578)
	Execute **Fine Band Adj.** during printing. (→P.578)

The length of printed images is inaccurate

Cause	Corrective Action
In the printer menu, **Band Joint** is specified in **Feed Priority**.	To ensure the feed amount matches the paper size, select **Print Length** in **Feed Priority** in the printer menu and enter the amount for adjustment in **Adjust Length**. You can adjust the feed amount in 0.02% increments. (→P.55)

Documents are printed crooked

Cause	Corrective Action
Skew **Skew Check Lv.** has been set to **Loose** or **Off**.	Choose **Standard** in **Skew Check Lv.**.
Width Detection has been set to **Off**.	Choose **On** in **Width Detection**.

Documents are printed in monochrome

Cause	Corrective Action
In the **Advanced Settings** of the printer driver, **Monochrome** or **Monochrome (Photo)**, is specified in **Color Mode**.	In the **Advanced Settings** of the printer driver, specify **Color** in **Color Mode** and try printing again.
The Printhead nozzles are clogged.	Print a test pattern to check the color ink nozzles and see if they are clogged. (→P.624)

Line thickness is not uniform (Windows)

Cause	Corrective Action
In the **Special Settings** dialog box of the Windows printer driver, **Fast Graphic Process** is selected.	Open the printer driver's **Properties** dialog box from **Print** in the application software's **File** menu, and try printing following the steps below. 1. Remove the check from **Open Preview When Print Job Starts** in the **Main** sheet. 2. Remove the check from **Page Layout** in the **Layout** sheet. 3. Click the **Special Settings** button in the **Layout** sheet to open the **Special Settings** dialog box, and remove the check from **Fast Graphic Process**.

Lines are misaligned

Cause	Corrective Action
The Printhead alignment is not adjusted.	Adjust the Printhead alignment. (→P.571) (→P.573)

Problems with the printing quality caused by the type of paper

For paper-specific troubleshooting tips to improve the printing quality, refer to the Paper Reference Guide.
(→P.104)

Cannot print over a network

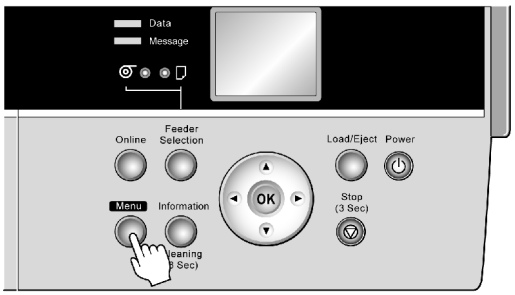
Cannot connect the printer to the network

Cause	Corrective Action
The Ethernet cable is not connected correctly to the printer's Ethernet port.	1. Make sure the printer is connected to the network with the correct Ethernet cable, and then turn the printer on. For instructions on connecting the cable, refer to the Quick Start Guide. 2. Make sure the Link indicator is lit. The Link indicator is green if the printer is connected via 100 Base-TX and orange if connected via 10Base-T. If the Link indicator is not lit, check the following points. • Make sure the hub is on. • Make sure the end of the Ethernet cable is connected correctly. Insert the Ethernet cable until it clicks and locks in place. • Make sure there is no problem with the Ethernet cable. If there is any problem, replace the Ethernet cable. • Check the communication mode with the hub. Although the printer normally detects the hub communication mode and transmission rate automatically (in auto negotiation mode), sometimes the hub settings cannot be detected. In this case, configure the connection method manually, specifying the communication mode in use. (→P.674)

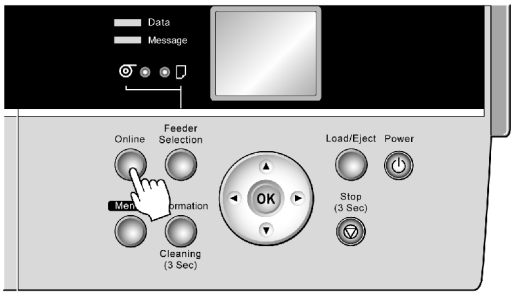
Configuring the Communication Mode Manually

This topic gives instructions for configuring the communication mode manually.

1. Press the **Menu** button to display **MAIN MENU**.



2. Press ▲ or ▼ to select **Interface Setup**, and then press ►.
3. Press ▲ or ▼ to select **Ethernet Driver**, and then press ►.
4. Press ▲ or ▼ to select **Auto Detect**, and then press ►.
5. Press ▲ or ▼ to select **Off**, and then press **OK**.
   Return to the **Ethernet Driver** menu.
6. Press ▲ or ▼ to select **Comm.Mode**, and then press ►.
7. Press ▲ or ▼ to select the communication mode, and then press the **OK** button.
   Return to the **Ethernet Driver** menu.
8. Press ▲ or ▼ to select **Ethernet Type**, and then press ►.
9. Press ▲ or ▼ to select the Ethernet type, and then press **OK**.
   Return to the **Ethernet Driver** menu.
10. Press ▲ or ▼ to select **Spanning Tree**, and then press ►.
11. Press ▲ or ▼ to enable or disable spanning tree support, and then press **OK**.
    Return to the **Ethernet Driver** menu.
12. Press the **Online** button.
    After the confirmation message is displayed, press **OK**.
    The printer will now restart.



Cannot print over a TCP/IP network

Cause	Corrective Action
The printer's IP address is not configured correctly.	Make sure the printer's IP address is configured correctly. (→P.432) (→P.470)
The printer's TCP/IP network settings are not configured correctly.	Make sure the printer's TCP/IP network settings are configured correctly. (→P.473)
The computer you are trying to print from is not configured correctly.	Make sure the computer's TCP/IP network settings are configured correctly. (→P.481) (→P.501)

Cannot print over a NetWare network

Cause	Corrective Action
The printer's NetWare settings are not configured correctly.	Make sure the printer's NetWare settings are configured correctly. In particular, make sure a valid frame type is selected. For details, see "Configuring the Printer's NetWare Network Settings". (→P.476)
The computer you are trying to print from is not configured correctly.	Make sure the computer's NetWare settings are configured correctly. For details, see "Configuring NetWare Network Settings". (→P.493)
The NetWare server and services are not configured correctly.	Check the following points. 1. Make sure the NetWare file server is running. 2. Make sure there is enough free disk space on the NetWare file server. Insufficient disk space may prevent you from processing large print jobs. 3. Start NWADMIN or PCONSOLE and confirm that the print service is configured correctly and the print queue is available. 4. If data transmission to a printer on another subnet fails, deactivate NCP burst mode in that printer's network protocol settings. 5. If the printer is used in queue server mode, specify "Other/Unknown" as the printer type.
The printer was turned off and on when not disconnected from the server.	Leave the printer off for at least 30 seconds, and then restore power.

Cannot print over AppleTalk or Bonjour networks

Cause	Corrective Action
The AppleTalk protocol is not enabled on the printer.	Activate AppleTalk on the printer. (→P.475)
The computer you are trying to print from is not configured correctly.	Make sure the computer's AppleTalk settings are configured correctly. (→P.498) (→P.504)
The computer and printer are not on the same network.	Due to the nature of Bonjour, you cannot print if the printer is on another network behind a router. Make sure the computer and printer are on the same network. For information about network settings, ask your network administrator.

Installation problems

Removing Installed Printer Drivers

Follow these steps to remove installed printer drivers and utilities.

Removing printer drivers (Windows)

Remove the printer driver as follows.

Note

- In Windows 2000/Windows XP/Windows Server 2003/Windows Vista/Windows Server 2008, you must log on with administrative rights, such as those of the “Administrator” account.

1. From the Windows **start** menu, select **Programs** > **Canon Printer Uninstaller** > **imagePROGRAF Printer Driver Uninstaller** to display the **Delete Printer** window.
2. Select the printer in the list and click **Delete**.
3. Click **Yes** after the **Warning** message is displayed.
4. Make sure that the printer has been removed from the list, and then click **Exit**.

Removing printer drivers and imagePROGRAF Printmonitor (Macintosh)

Remove the printer driver or imagePROGRAF Printmonitor as follows.

1. Insert the User Software CD-ROM provided with the printer in the CD-ROM drive.
2. Start the printer driver installer included in the User Software CD-ROM.
   Open the **OS X** folder and double-click **iPF Driver Installer X**.
3. In the upper left menu, choose **Uninstall**, and then click **Uninstall**.
4. Follow the instructions on the screen to remove the printer driver or imagePROGRAF Printmonitor.

Removing imagePROGRAF Status Monitor (Windows)

Remove imagePROGRAF Status Monitor as follows.

1. From the Windows **start** menu, select **Programs** > **imagePROGRAF Status Monitor** > **Uninstaller (imagePROGRAF Status Monitor)** to start the wizard.
2. In the wizard window, click **Delete**, and then click **Next**.
3. Follow the instructions on the screen to remove imagePROGRAF Status Monitor.

Removing imagePROGRAF Device Setup Utility (Windows)

Remove imagePROGRAF Device Setup Utility as follows.

1. From the Windows **start** menu, select **Programs** > **imagePROGRAF Device Setup Utility** > **Uninstaller (imagePROGRAF Device Setup Utility)** to start the wizard.
2. In the wizard window, click **Delete**, and then click **Next**.
3. Follow the instructions on the screen to remove imagePROGRAF Device Setup Utility.

Other problems

The printer does not go on

Cause	Corrective Action
The printer is unplugged.	Plug the power cord into the outlet, and then turn on the printer.
The specified voltage is not supplied.	Check the voltage of the outlet and breaker. (→P.79)

If the Printer Makes a Strange Sound

The following sounds do not indicate a problem with the printer.

- There is a sound of vacuum from the Platen
  To prevent paper from rising, paper is held against the Platen by suction from Vacuum holes under it.
- Roll paper makes a fluttering sound during printing
  There may be a fluttering sound when large paper is advanced.
- If you suddenly hear the tone for cleaning operations
  At regular intervals, for printer maintenance, cleaning operations will begin automatically, even if the printer is in Sleep mode.

In other cases, contact your Canon dealer.

Messages advising to check the maintenance cartridge are not cleared

Cause	Corrective Action
The printer has not detected the new Maintenance Cartridge that was used to replace the old one.	Remove the new Maintenance Cartridge you have just installed and insert it again firmly.
	Restart the printer.

The printer consumes a lot of ink

Cause	Corrective Action
Many full-page color images are printed.	In print jobs such as photos, images are filled with color. This consumes a lot of ink. This does not indicate a problem with the printer.
Head Cleaning B is used often.	**Head Cleaning B** consumes a lot of ink. This does not indicate a problem with the printer. Unless the printer has been moved or stored for a long period or you are troubleshooting Printhead problems, we recommend not performing **Head Cleaning B**, to the extent possible.
You have just finished initial installation, when more ink is consumed to fill the system.	After initial installation or at the first-time use after transfer, ink flows into the system between the Ink Tank and Printhead, which may cause the ink level indicators to drop to 80%. This does not indicate a problem with the printer.

Ink Level Detection

Ink level detection will be deactivated if you load ink tanks once emptied.

Ink level detection

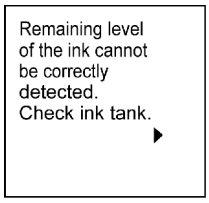
Ink tanks specified for this printer feature an ink level detection function to prevent the ink from running out during printing, which prevents printer damage. (→P.614)
This function will not work correctly if you use refill ink tanks. As a result, printing stops. Thus, before using refill ink tanks, you must cancel the ink level detection.
Printing with the ink level detection canceled may lead to printer damage and printing problems. Canon Inc. is not liable for any damage that may occur as a result of refilling ink.

Caution

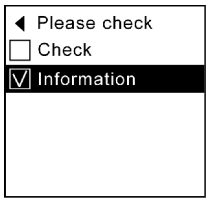
- After ink level detection has been disabled, this function cannot be reactivated for the currently loaded Ink Tank. To use ink level detection again, replace the Ink Tank with a new ink tank specified for use with the printer.
- Repeatedly removing and inserting an Ink Tank may damage the connection between the Ink Tank and the printer, which may cause ink leakage from the Ink Tank and damage the printer.

Disabling ink level detection

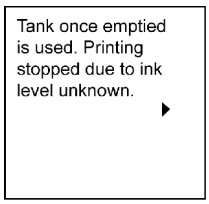
1. On the Display Screen, a message indicates that the ink level cannot be detected. After checking the message, press the ► button.



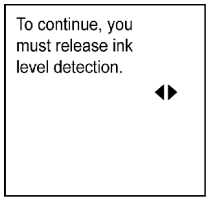
2. Press ▲ or ▼ to select **Information**, and then press the **OK** button.



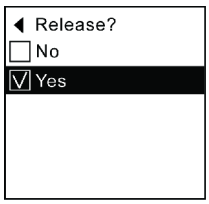
3. A confirmation message is shown on the Display Screen about disabling ink level detection. After checking the message, press the ► button.



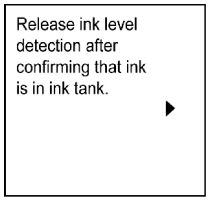
4. After checking the message, press the ► button.



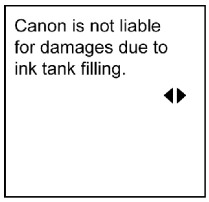
5. Press ▲ or ▼ to select **Yes**, and then press the **OK** button.



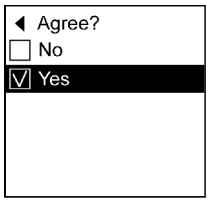
6. Check the message and press the ► button.



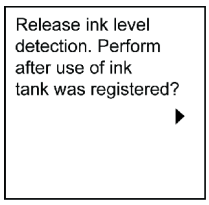
7. Check the message and press the ► button.



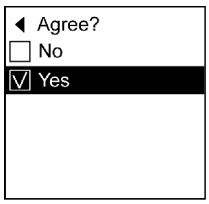
8. Press ▲ or ▼ to select **Yes**, and then press the **OK** button.



9. A confirmation message about updating ink information is shown on the Display Screen. After checking the message, press the ► button.



10. Press ▲ or ▼ to select **Yes**, and then press the **OK** button.



Ink level detection is now disabled, and the printer goes online.

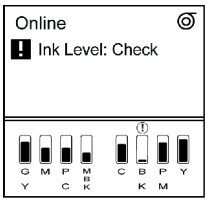
Error Message

Responding to Messages

Responding to Messages

Warning messages

Warning messages are shown on lines 2-4 of the Display Screen.
Although warning messages do not prevent printer operation, you should check the message and take the appropriate action. (→P.683)



Error messages (if action can be taken)

Error messages are indicated on the Display Screen if you must respond before the printer can resume operation.
Check the message and take the appropriate action. (→P.683)



Error messages (if no action can be taken)



In the following situations, turn off the printer and wait at least three seconds before restoring power.
If the message is still displayed, write down the error code and message, turn off the printer, and contact your Canon dealer for assistance.

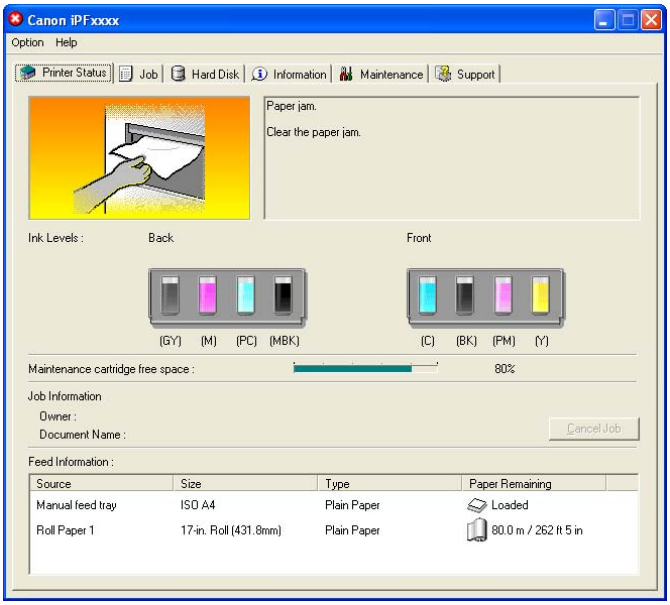
- The error message is displayed with the following instructions: **Turn off printer, wait, then turn on again.**.
- “ERROR” is displayed, followed by the error code and **Call for service.**.

Other Messages

These messages do not prevent printer operation. Check the information on the Display Screen and take action as necessary. Messages requiring special attention are as follows:

Note

- Messages are also displayed in imagePROGRAF Status Monitor (Windows) or **imagePROGRAF Printmonitor** (Macintosh).



Error Messages

Error messages

Check the message and take the appropriate action.

- **Borderless printng not possible.** (→P.693)
- **Calibration There is a problem with the multi-sensor.** (→P.704)
- **Cannot adjust band.** (→P.696)
- **Cannot adjust printhead.** (→P.697)
- **Cannot calibrate.** (→P.697)
- **Cannot cut paper.** (→P.692)
- **Cannot detect papr** (→P.691)
- **Cannot feed paper.** (→P.692)
- **Cannot print as specified.** (→P.696)
- **End of paper feed.** (→P.693)
- **ERROR Exxx-xxxx** (x represents a letter or number) (→P.703)
- **File read error.** (→P.701)
- **GARO Wxxxx** (x represents a number) (→P.703)
- **Hard disk error.** (→P.701)
- **Hardware error. xxxxxxxx-xxxx** (x represents a letter or number) (→P.703)
- **Ink insufficient.** (→P.694)
- **Ink Level: Check** (→P.695)
- **Ink tank error.** (→P.695)
- **No ink left.** (→P.694)
- **Insufficient paper for job** (→P.687)
- **Mail box full. Delete unwanted data** (→P.702)
- **Mail box full. Cannot save.** (→P.702)
- **Mail box full.** (→P.701)
- **Mail box full. Now printing without saving data.** (→P.701)
- **Mail box nearly full.** (→P.701)
- **Maintenance cartridge full.** (→P.700)
- **Maintenance cartridge problem.** (→P.700)
- **Manual printing is selected, but a roll is loaded.** (→P.689)
- **Multi-sensor error** (→P.704)
- **No ink tank loaded.** (→P.695)
- **No Maintenance Cartridge capacity.** (→P.700)
- **No maintenance cartridge.** (→P.700)
- **No Roll Feed Unit.** (→P.689)
- **Paper jam.** (→P.690)
- **Paper loaded askew.** (→P.691)
- **Paper Mismatch** (→P.685)
- **Paper size not detected.** (→P.686)
- **Papr Type Mismatch** (→P.685)
- **Parts replacement time has passed.** (→P.704)
- **PHeads: wrong pos.** (→P.699)
- **Prepare for maint cart replacement.** (→P.700)
- **Prepare for parts replacement.** (→P.703)
- **Problem with Printhead x** (x is L, R, or LR) (→P.699)
- **Roll feed unit err** (→P.689)

- **Roll printing is selected, but sheets are loaded.** (→P.688)
- **Roll printing is selected.** (→P.688)
- **RollWdthMismatch** (→P.686)
- **Sheet printing is selected.** (→P.689)
- **The roll is empty.** (→P.688)
- **This paper cannot be used.** (→P.687)
- **Unknown file.** (→P.704)
- **Use another paper.** (→P.696)
- **Wrong paper feed slot for this paper type.** (→P.690)
- **x printhead error** (x is Left or Right) (→P.699)
- **Clean x P Head** (x is Left or Right) (→P.698)

Other Messages

These messages do not prevent printer operation. Check the information on the Display Screen and take action as necessary. Messages requiring special attention are as follows:

- **Cannot execute this command. Use other paper.** (→P.696)
- **Excessive temperature or humidity.** (→P.697)
- **Remaining level of the ink cannot be correctly detected.** (→P.695)

Messages regarding paper

Paper Mismatch

Cause	Corrective Action
You printed a test pattern for printer adjustment on several sheets, but sheets of different types or sizes of paper were used.	When printing a test pattern, use sheets of the same type and size of paper.

Papr Type Mismatch

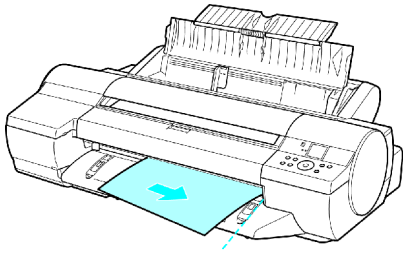
Cause	Corrective Action
The type of paper as specified on the printer does not match the type specified in the printer driver.	Follow these steps to ensure the type of paper matches on the printer and in the printer driver, and then try printing again. 1. Hold down the **Stop** button for a second or more to cancel printing. 2. Either change the type of paper specified in the printer driver settings or replace the loaded paper and change the media type setting on the printer, and then resend the print job. (→P.88) (→P.93)
	Press the **Online** button to resume printing. However, note that this error may cause paper jams and affect the printing quality.

*Printing will continue if you have set **Detect Mismatch** to **Warning** or **None**.

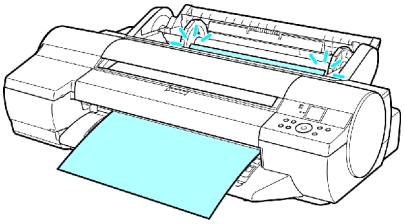
RollWdthMismatch

Cause		Corrective Action
The paper size as specified on the printer does not match the size specified in the printer driver.	If you have selected **Fit Roll Paper Width** in the printer driver settings and **Warning** in **Detect Mismatch** in the printer menu:	Printing resumes after the warning message is displayed. However, note that this error may cause paper jams and affect the printing quality. Try printing again after adjusting the paper size as specified in the printer driver and the size specified on the printer so that they match.
	If you have selected **Fit Roll Paper Width** in the printer driver settings and **Pause** in **Detect Mismatch** in the printer menu:	Follow the steps below to ensure the paper size matches on the printer and in the printer driver. 1. Hold down the **Stop** button for a second or more to cancel printing. 2. Make sure the roll width selected in the dialog box displayed when you select **Fit Roll Paper Width** in the printer driver matches the width of the roll loaded in the printer, and then try printing again.
		Press the **Online** button to resume printing. However, note that this error may cause paper jams and affect the printing quality.

Paper size not detected.

Cause	Corrective Action
Paper has been loaded askew, or warped paper has been loaded. 	1. Reload paper straight, in the correct position. (→P.118) (→P.148) 2. If **Not finished printing. Finish printing remaining jobs?** is shown on the Display Screen, press the **OK** button. Printing will resume, starting from the page on which the error occurred.

Insufficient paper for job

Cause	Corrective Action
The printer has received a print job longer than the amount of roll paper left. 	Follow the steps below to replace the roll. 1. Remove the roll. (→P.120) (→P.121) (→P.122) 2. Load a roll with enough paper left. (→P.115) (→P.117) (→P.118) 3. If no barcode was printed on the roll, specify the paper type. (→P.113) 4. Select the paper length, unless a barcode was printed on the roll and you have deactivated automatic detection of the remaining roll paper. (→P.114)
	Hold down the **Stop** button for a second or more to cancel printing.
	Press the **Online** button to resume printing. However, the roll paper may run out during the print job and you may not be able to print all of the document.

This paper cannot be used.

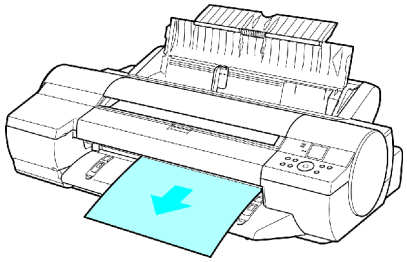
Check supported paper sizes.

Cause	Corrective Action
Paper that is too large for the printer has been loaded.	Load paper of the correct size. (→P.109)
Paper that is too small for the printer has been loaded.	Load paper of the correct size. (→P.109)

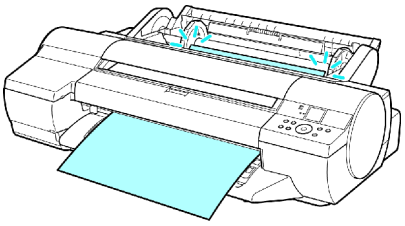
Roll printing is selected.

Cause	Corrective Action
You have attempted to print a test print sheet or other printer status information on a roll, but no roll is loaded.	Load a roll and try printing again.
	To print on a sheet instead, hold the **Stop** button for more than a second to cancel printing, load a sheet, and then print. (→P.93)

Roll printing is selected, but sheets are loaded.

Cause	Corrective Action
A print job for rolls was received when a sheet is loaded. 	Press the **Load/Eject** button and remove the sheet. (→P.154) Load a roll and try printing again. (→P.118)
	Hold down the **Stop** button for a second or more to cancel printing.

The roll is empty.

Cause	Corrective Action
The roll is empty. 	Follow these steps to replace the used roll with a new roll of the same type and size. 1. Remove the roll. (→P.120) (→P.121) (→P.122) 2. Load the new roll. (→P.115) (→P.117) (→P.118) 3. If no barcode was printed on the roll, specify the type of paper. (→P.113) 4. If no barcode was printed on the roll, specify the paper length. (→P.114) 5. If **Not finished printing. Finish printing remaining jobs?** is shown on the Display Screen, press the **OK** button. Printing will resume, starting from the page on which the error occurred.

Roll feed unit err

Cause	Corrective Action
The Roll Feed Unit is not working.	Turn off the printer, remove the Roll Feed Unit momentarily, and then reinstall it. (→P.143) (→P.144)
	If the message is still displayed after you do this, contact your Canon dealer for assistance.

No Roll Feed Unit.

Cause	Corrective Action
The printer has received a print job that specifies rolls, but the Roll Feed Unit is not installed.	Install the Roll Feed Unit and resend the print job. (→P.144)

Sheet printing is selected.

Cause	Corrective Action
You have attempted to print a test print sheet or other printer status information on a sheet, but no sheet is loaded.	Load a sheet and try printing again.
	To print on a roll instead, hold the **Stop** button for more than a second to cancel printing, load a roll, and then print. (→P.88)

Manual printing is selected, but a roll is loaded.

Cause	Corrective Action
A print job for manually printing on sheets was sent when a roll is loaded.	Follow these step to reload a sheet. 1. Press the **Load/Eject** button. The roll can now be removed. 2. Load paper of the type and size you have specified in the printer driver. The printer will resume printing.
	If there is a printed roll in the Output Tray, follow these steps to cut the roll and load a sheet. 1. Hold down the **Stop** button for a second or more to cancel printing. 2. Select **Paper Cutting** in the printer menu and cut the roll at the desired position. (→P.132) 3. Load paper of the type and size you have specified in the printer driver and resend the print job. (→P.93)
	Follow these steps when printing on a roll. 1. Hold down the **Stop** button for a second or more to cancel printing. 2. Change the printer driver settings to match the roll already loaded, and then resend the print job.

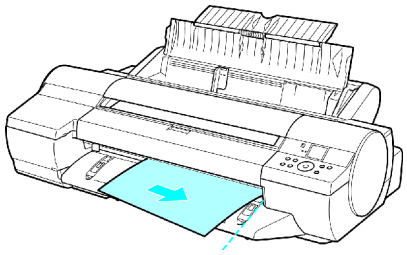
Wrong paper feed slot for this paper type.

Cause	Corrective Action
The Paper Feed Slot where paper is loaded does not match the **Paper Source** > Paper Feed Slot setting in the printer driver.	Follow these steps to reload the paper, using the Paper Feed Slot specified in **Paper Source** in the printer driver. 1. Press the **Load/Eject** button. The paper will be ejected. 2. Reload the paper in the Paper Feed Slot specified in the printer driver. The printer will resume printing.
	Follow these steps to change the Paper Feed Slot specified in **Paper Source** in the printer driver to match the slot where paper is loaded. 1. Hold down the **Stop** button for a second or more to cancel printing. 2. Change the **Paper Source** setting in the printer driver to match the Paper Feed Slot where paper is loaded, and then resend the print job.

Paper jam.

Cause	Corrective Action
A paper jam occurred in the printer during printing.	1. Press the **Load/Eject** button and remove the jammed paper. (→P.123) (→P.156) 2. If **Not finished printing. Finish printing remaining jobs?** is shown on the Display Screen, press the **OK** button. Printing will resume, starting from the page on which the error occurred.
You have loaded and printed on a roll when sheets are selected as the paper source on the Control Panel.	Press the **Load/Eject** button, remove the roll, and load a sheet. Otherwise, select the roll as the feed source on the Control Panel and reload the roll.

Paper loaded askew.

Cause	Corrective Action
Paper has been loaded askew. 	Follow these steps to reload a roll. 1. Press the **Load/Eject** button and remove the crooked paper. 2. Press the **Load/Eject** button and reload the roll. (→P.118)
	Follow these step to reload a sheet. 1. Press the **Load/Eject** button and remove the crooked paper. 2. Press the **Load/Eject** button and reload the sheet. (→P.148)

Note

- To disable this message (if it is displayed repeatedly despite reloading paper, for example), choose **Off** or **Loose** in the **Skew Check Lv.** setting of the printer menu. However, this may cause jams if paper is crooked when printed. Also, the Platen may become soiled, which may soil the back of the next document when it is printed.

Cannot detect papr

Cause	Corrective Action
The paper has come out of the printer.	1. Remove the paper that has come out of the printer, press the **Load/Eject** button, and reload the paper. (→P.88) (→P.93) 2. If **Not finished printing. Finish printing remaining jobs?** is shown on the Display Screen, press the **OK** button. Printing will resume, starting from the page on which the error occurred.
A paper jam occurred in the printer.	1. Remove the jammed paper, press the **Load/Eject** button, and reload paper. (→P.123) (→P.156) 2. If **Not finished printing. Finish printing remaining jobs?** is shown on the Display Screen, press the **OK** button. Printing will resume, starting from the page on which the error occurred.
The roll cannot be correctly detected.	Rewind the roll manually until the paper caught in the rollers is completely out of the rollers. Press the **Load/Eject** button and reload the roll.

Cannot feed paper.

Cause	Corrective Action
The sheet cannot be fed correctly.	Reload the sheet straight, in the correct position. (→P.148)

Cannot cut paper.

Cause	Corrective Action
There are sheets left on the Ejection Guide.	1. Remove the paper. 2. If **Not finished printing. Finish printing remaining jobs?** is shown on the Display Screen, press the **OK** button. Printing will resume, starting from the page on which the error occurred.
There is a foreign object by the Output Tray, obstructing the Cutter Unit.	1. Remove the foreign object. 2. If **Not finished printing. Finish printing remaining jobs?** is shown on the Display Screen, press the **OK** button. Printing will resume, starting from the page on which the error occurred.
You are not using the printer under the recommended environmental conditions for the paper.	Use the printer only where the recommended environmental conditions for the paper are met. Note that various environmental conditions are recommended for various types of paper. For details on the recommended environmental conditions for paper, see the Paper Reference Guide. (→P.104)
You are using paper that is not compatible with automatic cutting.	Specify **Manual** as the cutting method and cut the roll manually. (→P.132) For information about paper that is compatible with automatic cutting, see the Paper Reference Guide. (→P.104)
The Cutter Unit stops in the middle of cutting.	Move the Cutter Unit to the left and remove the paper. If the paper cannot be cut using the Cutter Unit, specify **Manual** as the roll cutting method and cut the roll manually. (→P.123) (→P.132)
In other cases, the Cutter Unit may be damaged.	Contact your Canon dealer for assistance.

End of paper feed.

Cause	Corrective Action
You are pressing the ▲ button on the Control Panel and trying to rewind the roll to the edge.	Release the ▲ button.

Borderless printng not possible.

Check roll width and spacers.

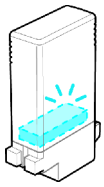
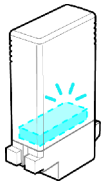
Cause	Corrective Action
The paper is loaded askew.	Insert the paper and Spacer for Borderless Printing firmly all the way into the printer.
	When using A1 or A2 rolls, attach the Spacer for Borderless Printing before loading the roll. (→P.140)
	When using sizes other than A1 or A2, remove the Spacer for Borderless Printing before loading the roll. (→P.140)
The paper loaded is not compatible with borderless printing.	Load paper compatible with borderless printing and try printing again. Paper you can use for borderless printing is restricted to particular types of paper and rolls of particular widths. For information on types of paper compatible with borderless printing, refer to the Paper Reference Guide. (→P.104)
Because paper expands or contracts depending on the environment of use, it may become narrower or wider than the supported width for borderless printing.	Use each type of paper only where the recommended environmental conditions are met. For details on environmental conditions for various paper, see the Paper Reference Guide. (→P.104)

Check supported paper.

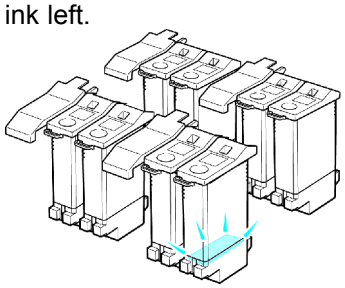
Cause	Corrective Action
The print job received specifies a type or width of paper that is not compatible with borderless printing.	Follow these steps to change the settings of the print job to enable borderless printing. 1. Hold down the **Stop** button for a second or more to cancel printing. 2. Make sure the correct printer driver for the printer is selected and try printing again. For information on types of paper compatible with borderless printing, refer to the Paper Reference Guide. (→P.104)
	If you press the **Online** button and continue printing, the document will be printed with a border.

Messages regarding ink

Ink insufficient.

Cause	Corrective Action
The ink level is low, so you cannot clean the Printhead. 	Press the **OK** button and replace the Ink Tank that is low with a new Ink Tank. (→P.615)
The ink level is low, so there may not be enough ink to finish printing. 	Press the **OK** button and replace the Ink Tank that is low with a new Ink Tank. (→P.615) You can print until the ink runs out by pressing the **Online** button. However, if the ink runs out during printing, the following situation will occur depending on the position of the leading edge when it passes through the printer. 1. **No ink left.** is displayed and printing stops. Press the **Stop** button to cancel printing, or press the **OK** button, replace the ink tank that is low with a new one, and continue printing. However, note that because printing is paused, colors may be slightly different. (→P.615) 2. **Ink tank empty. Canceling printing of this page.** is displayed and printing stops. After the paper is ejected, press the **OK** button and replace the ink tank that is low with a new one. (→P.615)

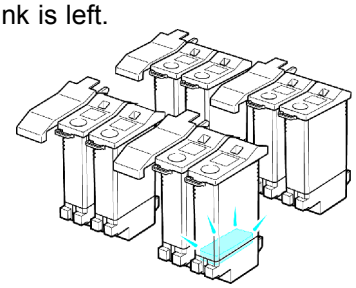
No ink left.

Cause	Corrective Action
There is no ink left. 	Open the Ink Tank Cover and replace the Ink Tank for which the Ink Lamp is flashing. (→P.615)

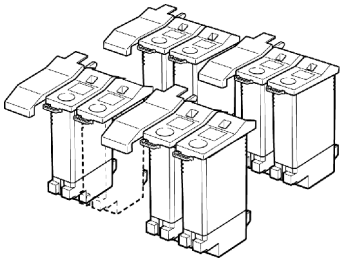
Remaining level of the ink cannot be correctly detected.

Cause	Corrective Action
Ink level detection cannot work correctly if you use refill ink tanks.	The refill ink tank can no longer be used. See the section “Ink level detection” and take the appropriate action. (→P.679)

Ink Level: Check

Cause	Corrective Action
Not much ink is left. 	Prepare a new Ink Tank. We recommend replacing the Ink Tank with a new Ink Tank at this point if you plan to print large-format or high-quantity jobs.

No ink tank loaded.

Cause	Corrective Action
There is no Ink Tank of the indicated color in the printer. 	Load or reload the Ink Tank. (→P.615)
There is a problem with the Ink Tank.	Replace it with a new Ink Tank. (→P.615)

Ink tank error.

Cause	Corrective Action
The Ink Tank in the printer is incompatible.	Load an Ink Tank specified for use with the printer. (→P.615)

The Display Screen indicates the system is filling with ink

Cause	Corrective Action
When the printer was turned off previously, some cleaning operation was terminated.	Wait until the system has been filled with ink. This process may take about ten minutes.

Messages regarding printing or adjusment

Use another paper.

Cause	Corrective Action
The Printhead and feed amount cannot be adjusted when highly transparent film is loaded.	For automatic Printhead adjustment, we recommend using a type of paper that you often use, other than film. (→P.571)
	Adjust the feed amount manually. (→P.580)

Cannot execute this command. Use other paper.

Cause	Corrective Action
The loaded paper cannot be used for color calibration.	Load paper compatible with color calibration. (*1) See "Paper Reference Guide." (→P.104)

*1: Always make sure the loaded paper matches the media type setting on the printer. Adjustment cannot be completed correctly unless the setting value matches the loaded paper.

Cannot print as specified.

Press Load/Eject and replace paper with A4/LTR (vertical) or larger

Cause	Corrective Action
Paper has been loaded that is too small to print the test pattern for printhead adjustment or nozzle checking.	Press the **Load/Eject** button and switch to paper A4/Letter, vertical, or larger.

Press Load/Eject and replace roll with 10 in. wide or larger roll.

Cause	Corrective Action
Paper has been loaded that is too small to print the test pattern for printhead adjustment or nozzle checking.	Press the **Load/Eject** button and load a roll at least 10 inches (254 mm) wide.

Cannot adjust band.

Cause	Corrective Action
The Printhead nozzles are clogged.	Follow these steps below to check the nozzles. 1. Print a test pattern to check the nozzles. (→P.624) 2. Clean the Printhead if the nozzles are clogged. (→P.625)
Highly transparent film is loaded that cannot be used for automatic feed amount adjustment.	Adjust the feed amount manually. (→P.580)
Paper is loaded that cannot be used for **Standard Adj.** in **Auto Band Adj.**.	Execute **Auto Band Adj.** > **Advanced Adj.**. (→P.578)

Cannot adjust printhead.

Cause	Corrective Action
The Printhead nozzles are clogged.	Follow the steps below to check the nozzles. 1. Print a test pattern to check the nozzles. (→P.624) 2. Clean the Printhead if the nozzles are clogged. (→P.625)
Highly transparent film is loaded that cannot be used for Printhead adjustment.	We recommend using a type of paper that you often use, other than film, for Printhead adjustment. (→P.571)

Cannot calibrate.

Cause	Corrective Action
The paper for printing a test pattern for adjustment is soiled. Otherwise, colored paper is loaded.	Load unused paper compatible with color calibration. (→P.104)
The printed test pattern is faint.	Take steps to remedy the faint printing. (→P.664)
Direct sunlight or strong lighting may be shining on the printer and causing the sensor to malfunction.	Take steps to ensure the printer is not used when exposed to direct sunlight or strong lighting.

Excessive temperature or humidity.

Cause	Corrective Action
The temperature or humidity where the printer is installed is out of the acceptable range for printer operation.	Press the **Stop** button and stop printing. Use the printer in an environment that meets the requirements for the operating environment. Note that various environmental conditions are also recommended for various types of paper. For details on the recommended environmental conditions for paper, see "Paper Reference Guide." (→P.104)
	Press the **OK** button and complete color calibration. However, calibration may not be completed successfully.

Messages regarding printheads

Cannot adjust printhead.

Cause	Corrective Action
The Printhead nozzles are clogged.	Follow the steps below to check the nozzles. 1. Print a test pattern to check the nozzles. (→P.624) 2. Clean the Printhead if the nozzles are clogged. (→P.625)
Highly transparent film is loaded that cannot be used for Printhead adjustment.	We recommend using a type of paper that you often use, other than film, for Printhead adjustment. (→P.571)

Cannot adjust band.

Cause	Corrective Action
The Printhead nozzles are clogged.	Follow these steps below to check the nozzles. 1. Print a test pattern to check the nozzles. (→P.624) 2. Clean the Printhead if the nozzles are clogged. (→P.625)
Highly transparent film is loaded that cannot be used for automatic feed amount adjustment.	Adjust the feed amount manually. (→P.580)
Paper is loaded that cannot be used for **Standard Adj.** in **Auto Band Adj.**.	Execute **Auto Band Adj.** > **Advanced Adj.**. (→P.578)

Clean x P Head (x is Left or Right)

Cause	Corrective Action
The Printhead nozzles are clogged.	Specify Printhead cleaning options. (→P.625) If the message is still displayed after you execute **Head Cleaning B** one or two times, contact your Canon dealer for assistance.

PHeads: wrong pos.

Cause	Corrective Action
The left Printhead is installed in the right position and vice versa.	Turn off the printer and wait at least three seconds before restoring the power. If the message is displayed again, contact your Canon dealer for assistance.

Problem with Printhead x (x is L, R, or LR)

Cause	Corrective Action
The Printhead nozzles are becoming clogged.	If printing is faint, clean the Printhead. (→P.625)

x printhead error (x is Left or Right)

Cause	Corrective Action
An incompatible Printhead has been installed.	Install a Printhead specified for use with the printer. If “Printhead L” is displayed, install the Printhead L ; if “Printhead R” is displayed, install the Printhead R. (→P.626)
There is a problem with the Printhead.	Open the Top Cover. If the Carriage is over the Platen, replace the Printhead with a new one. If “Printhead L” is displayed, replace the Printhead L ; if “Printhead R” is displayed, replace the Printhead R. (→P.626)
	If, after opening the Top Cover, you see that the Carriage is not over the Platen, follow the steps below. 1. Turn off the printer and wait at least three seconds before restoring the power. 2. Lift the Top Cover and make sure the Carriage is over the Platen. If “Printhead L” is displayed, install the Printhead L, and if “Printhead R” is displayed, install the Printhead R. (→P.626)

Messages regarding the maintenance cartridge

No maintenance cartridge.

Cause	Corrective Action
The Maintenance Cartridge is not installed.	Install the Maintenance Cartridge. (→P.633)

Prepare for maint cart replacement.

Cause	Corrective Action
The Maintenance Cartridge is almost full.	You can continue to print, but prepare a new Maintenance Cartridge to use when the message for replacement is displayed.

No Maintenance Cartridge capacity.

Cause	Corrective Action
The Maintenance Cartridge cannot absorb enough ink for Printhead cleaning or other operation.	After confirming that the printer has stopped operating, replace the Maintenance Cartridge. (→P.633)

Maintenance cartridge full.

Cause	Corrective Action
The Maintenance Cartridge is full.	After confirming that the printer has stopped operating, replace the Maintenance Cartridge. (→P.633)

Maintenance cartridge problem.

Cause	Corrective Action
An incompatible or used Maintenance Cartridge has been installed.	Install an unused Maintenance Cartridge specified for use with the printer. (→P.633)

Messages regarding the hard disk

Hard disk error.

Cause	Corrective Action
There is a format problem with the printer's hard disk.	Press the **OK** button to start reformatting the hard disk. When formatting is finished, the printer automatically restarts. (Formatting will erase all data on the hard disk.)

File read error.

Cause	Corrective Action
Files on the printer's hard disk have become corrupted.	Restart the printer. Only the corrupted files will be deleted, and the printer will restart.

Mail box full.

Cause	Corrective Action
There is no more space on the printer's hard disk.	Press the **Stop** button to cancel the print job.
	Delete print jobs from the queue. (→P.516)
	Delete unneeded jobs stored on the hard disk. (→P.561)

Mail box full. Now printing without saving data.

Cause	Corrective Action
No more space is available on the printer's hard disk, so jobs are now printed without saving them. (Print jobs can no longer be saved on the hard disk.)	After printing, this message is cleared.
	Delete unneeded jobs stored in personal boxes (box numbers in the range 01-29). (→P.561)

Mail box nearly full.

Cause	Corrective Action
There is now less than 1 GB available for personal boxes on the printer hard disk.	Delete unneeded jobs stored in Personal Boxes. (→P.561)

Mail box full. Delete unwanted data

Cause	Corrective Action
100 jobs are stored in the Personal Box.	Delete unneeded jobs stored in Personal Boxes. (→P.561)

Mail box full. Cannot save.

Cause	Corrective Action
Saved jobs exceed the personal box capacity.	Press the **Stop** button to cancel the print job.
	Delete print jobs from the queue. (→P.516)
	Delete unneeded jobs stored in personal boxes (box numbers in the range 01-29). (→P.561)

Other Messages

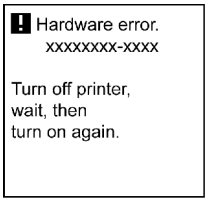
GARO Wxxxx (x represents a number)

Cause	Corrective Action
There is a problem with the print job.	Try printing again, using the correct printer driver.
	It is also possible to continue printing in this state. However, you may not be able to obtain the desired printing results.

ERROR Exxx-xxxx (x represents a letter or number)

Cause	Corrective Action
An error requiring service may have occurred. 	Write down the error code and message, turn off the printer, and contact your Canon dealer for assistance.

Hardware error. xxxxxxxx-xxxx (x represents a letter or number)

Cause	Corrective Action
The last portion of roll paper was used during a print job. The paper was not advanced because the trailing edge is taped to the roll.	Turn off the printer and remove the roll from the printer before restoring power.
Fastening tape or the Belt Stopper has not been removed inside the Top Cover.	Turn off the printer, open the Top Cover and remove the tape or the Belt Stopper before restoring power.
An error requiring service may have occurred. 	Turn off the printer and wait at least three seconds before restoring the power. If the message is displayed again, write down the error code and message, turn off the printer, and contact your Canon dealer for assistance.

Prepare for parts replacement.

Cause	Corrective Action
It is almost time to replace consumables for which service is required.	If **Parts replacement time has passed.** is displayed, you can continue to use the printer for some time. Contact your Canon dealer for assistance.

Parts replacement time has passed.

Cause	Corrective Action
It is past the recommended time to replace consumables for which service is required.	Contact your Canon dealer for assistance.

Unknown file.

Cause	Corrective Action
Invalid data format.	Check the print job and resend it.

Calibration There is a problem with the multi-sensor.

Cause	Corrective Action
The performance of a sensor inside the printer may be impaired.	Press the **OK** button and cancel calibration. Contact your Canon dealer for assistance.

Multi-sensor error

Cause	Corrective Action
Direct sunlight or strong lighting may be shining on the printer and causing the sensor to malfunction.	Take steps to ensure the printer is not used when exposed to direct sunlight or strong lighting.
The performance of a sensor inside the printer may be impaired.	Turn off the printer and wait at least three seconds before restoring the power. If the message is displayed again, contact your Canon dealer for assistance.

Roll feed unit err

Cause	Corrective Action
The Roll Feed Unit is not working.	Turn off the printer, remove the Roll Feed Unit momentarily, and then reinstall it. (→P.143) (→P.144)
	If the message is still displayed after you do this, contact your Canon dealer for assistance.

No Roll Feed Unit.

Cause	Corrective Action
The printer has received a print job that specifies rolls, but the Roll Feed Unit is not installed.	Install the Roll Feed Unit and resend the print job. (→P.144)

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